

Title: METHOD OF
MANUFACTURING HEAT
EXCHANGER

Inventor(s): Hiroshi CHIKUMA et al.
Docket No.: 040679-1425

FIG.1A

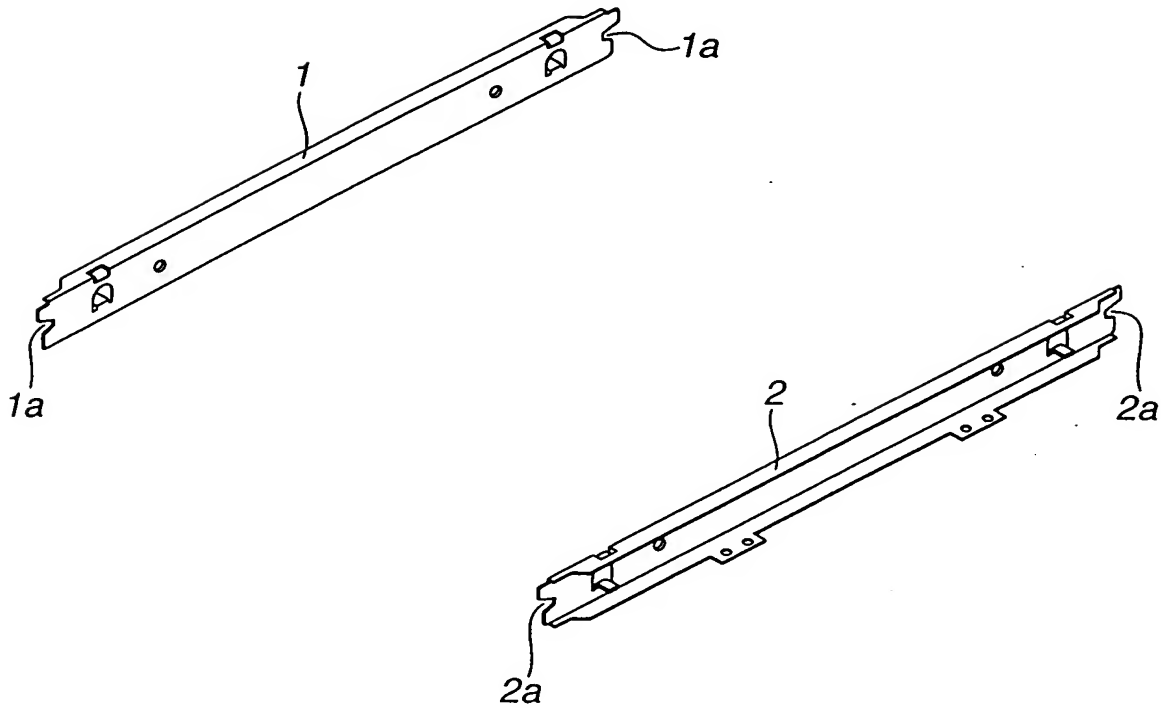


FIG.1B

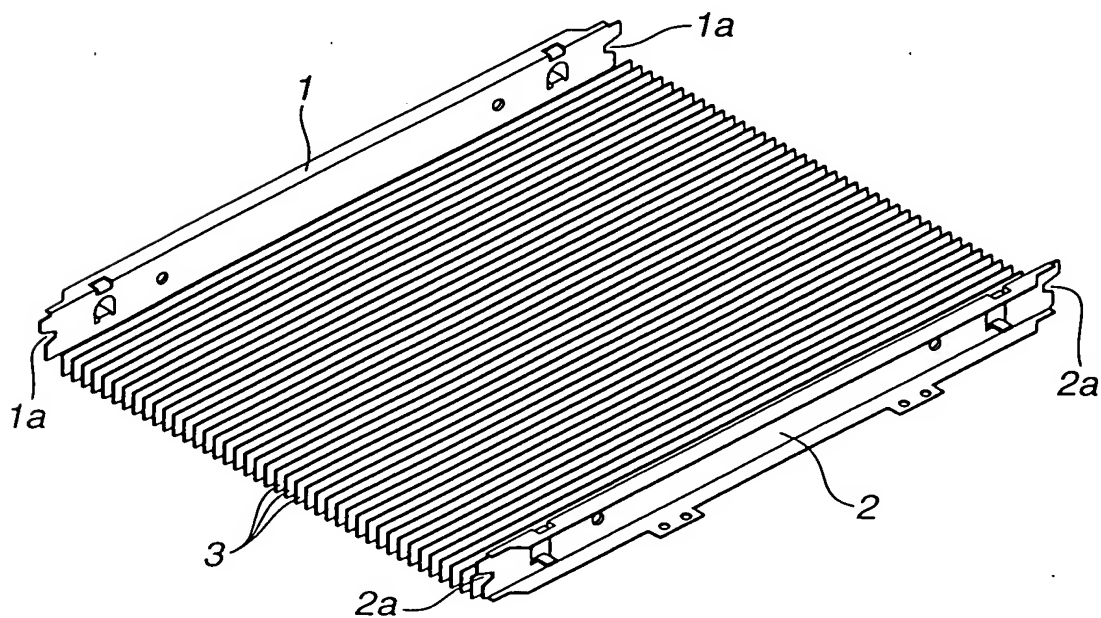


FIG.2A

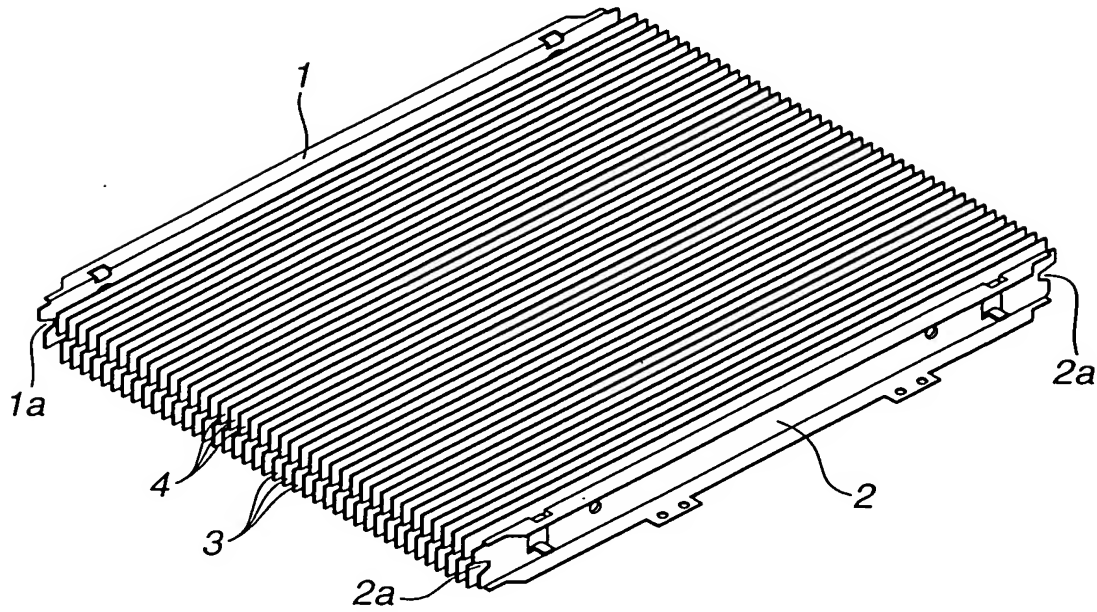
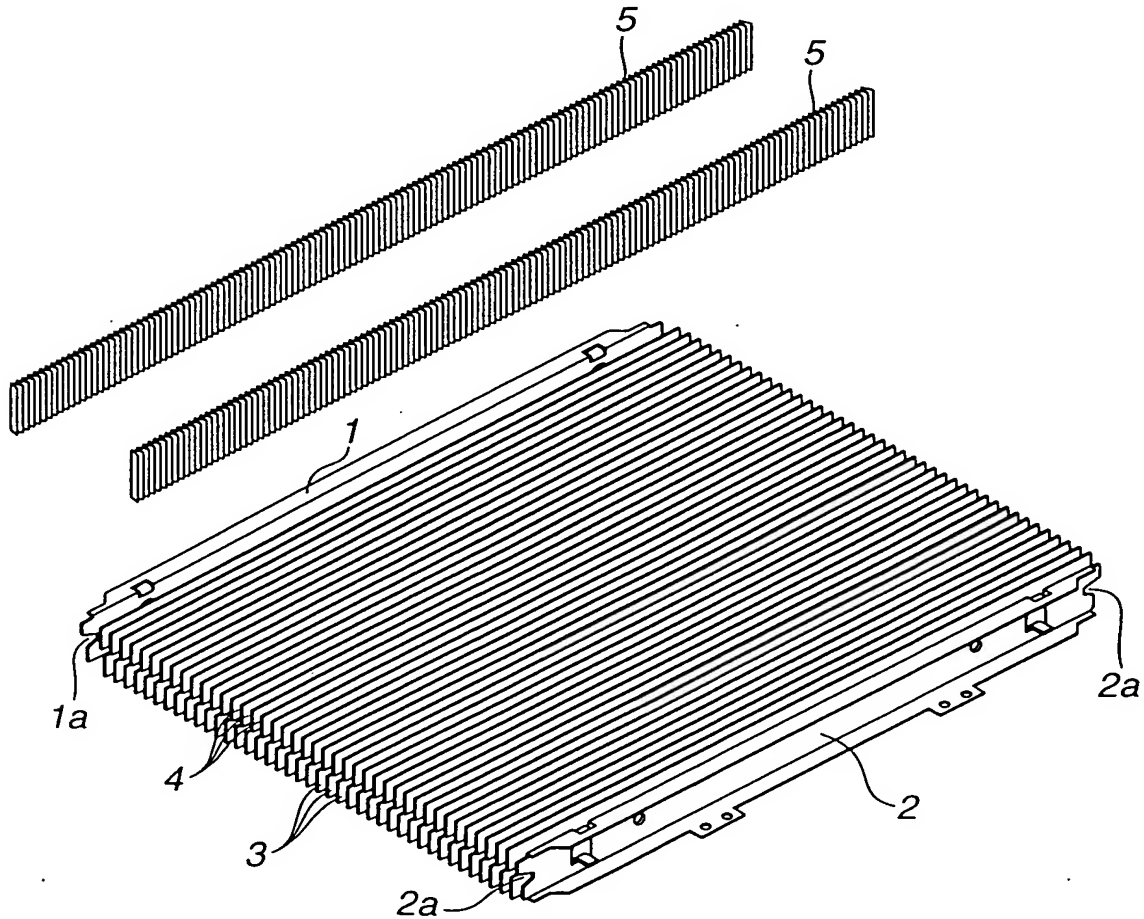


FIG.2B



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FIG.3

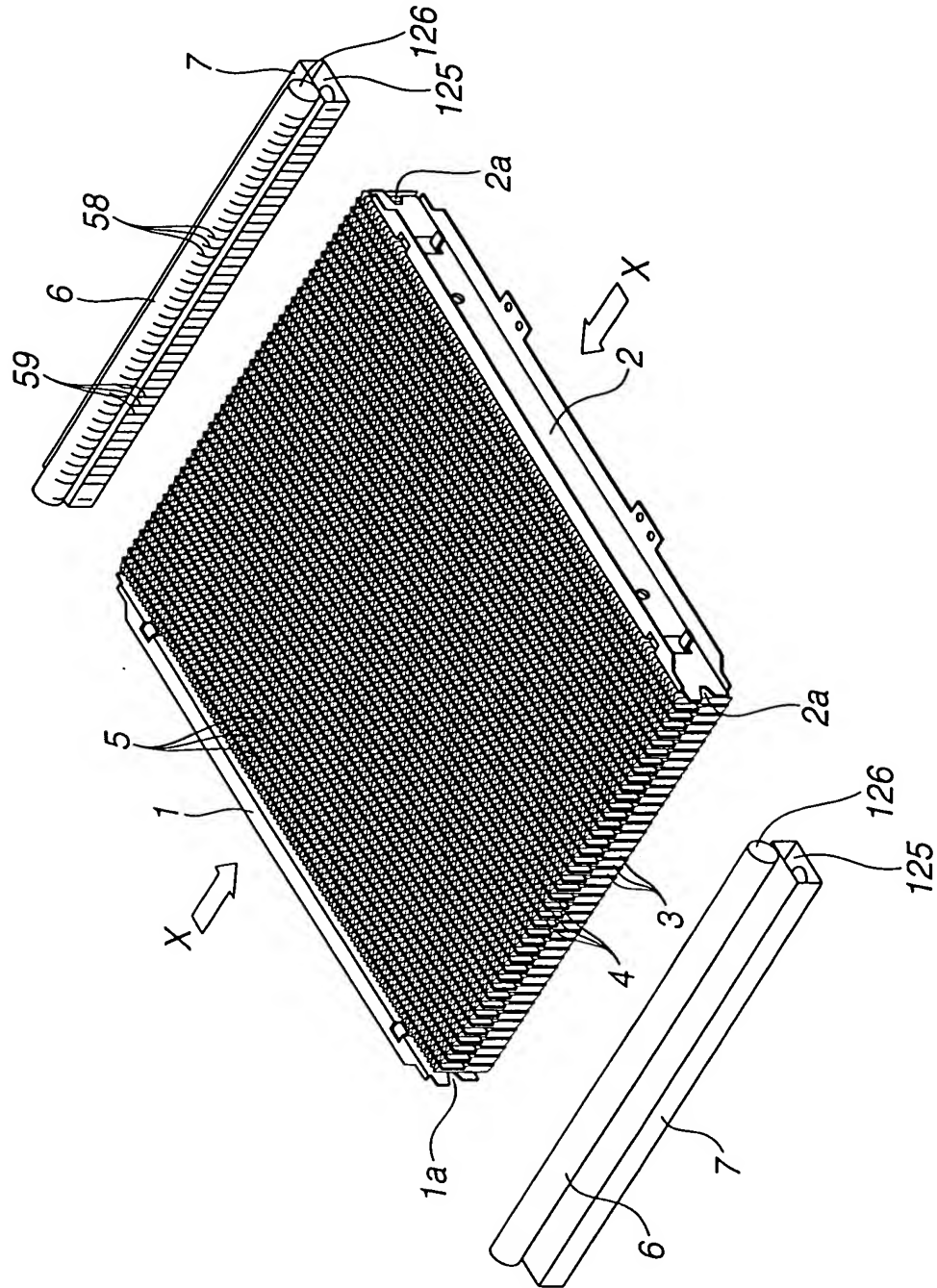


FIG.4

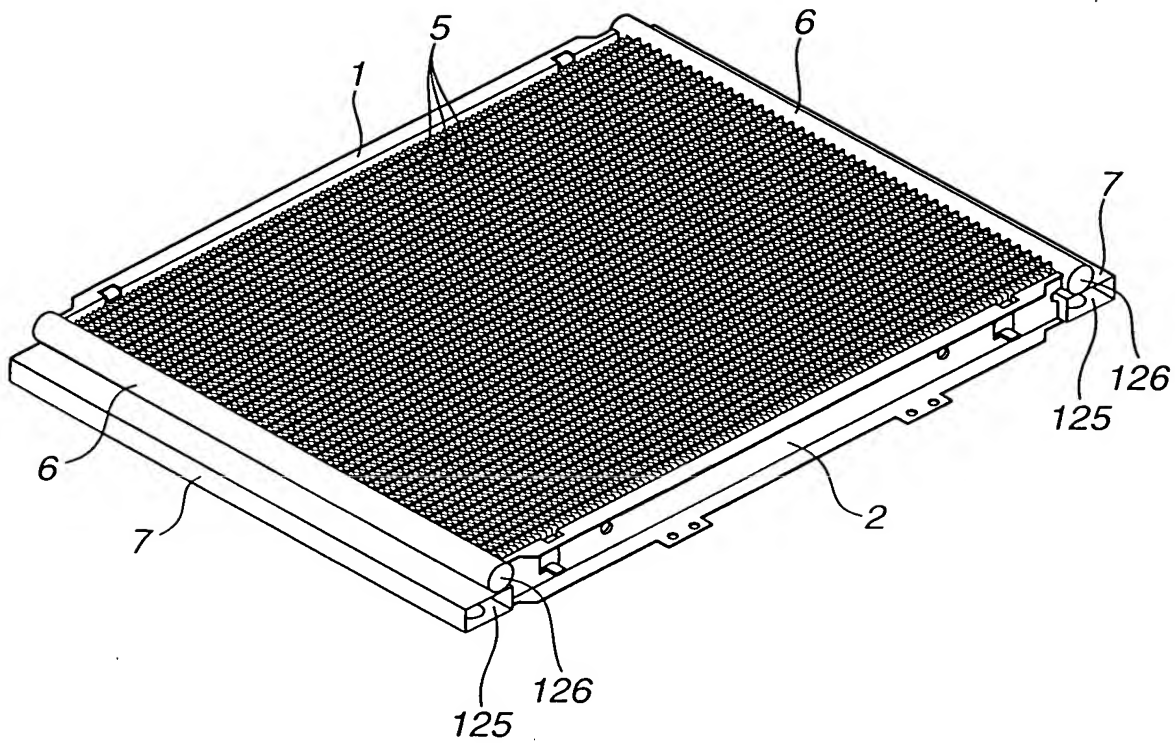


FIG.5

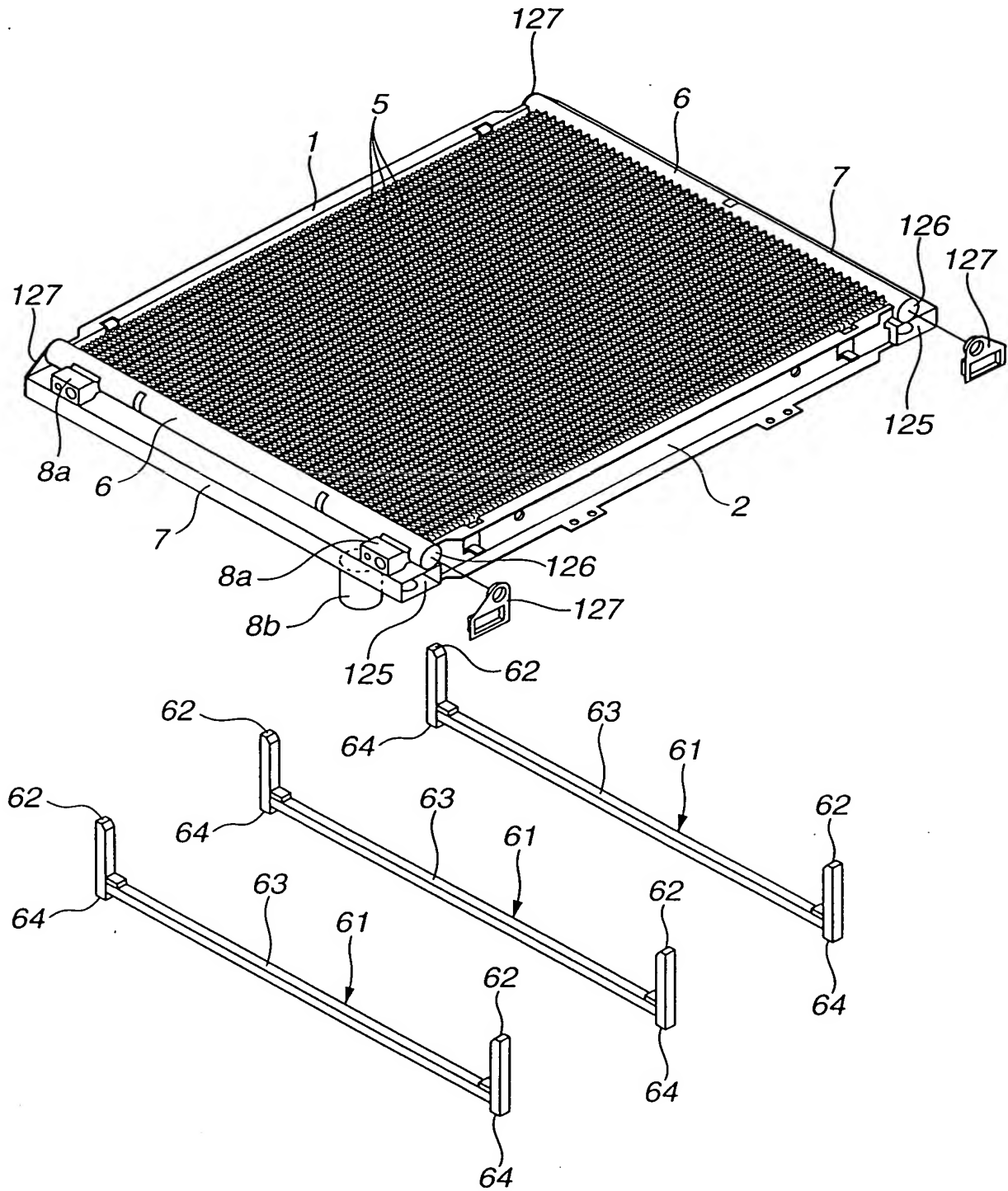


FIG.6

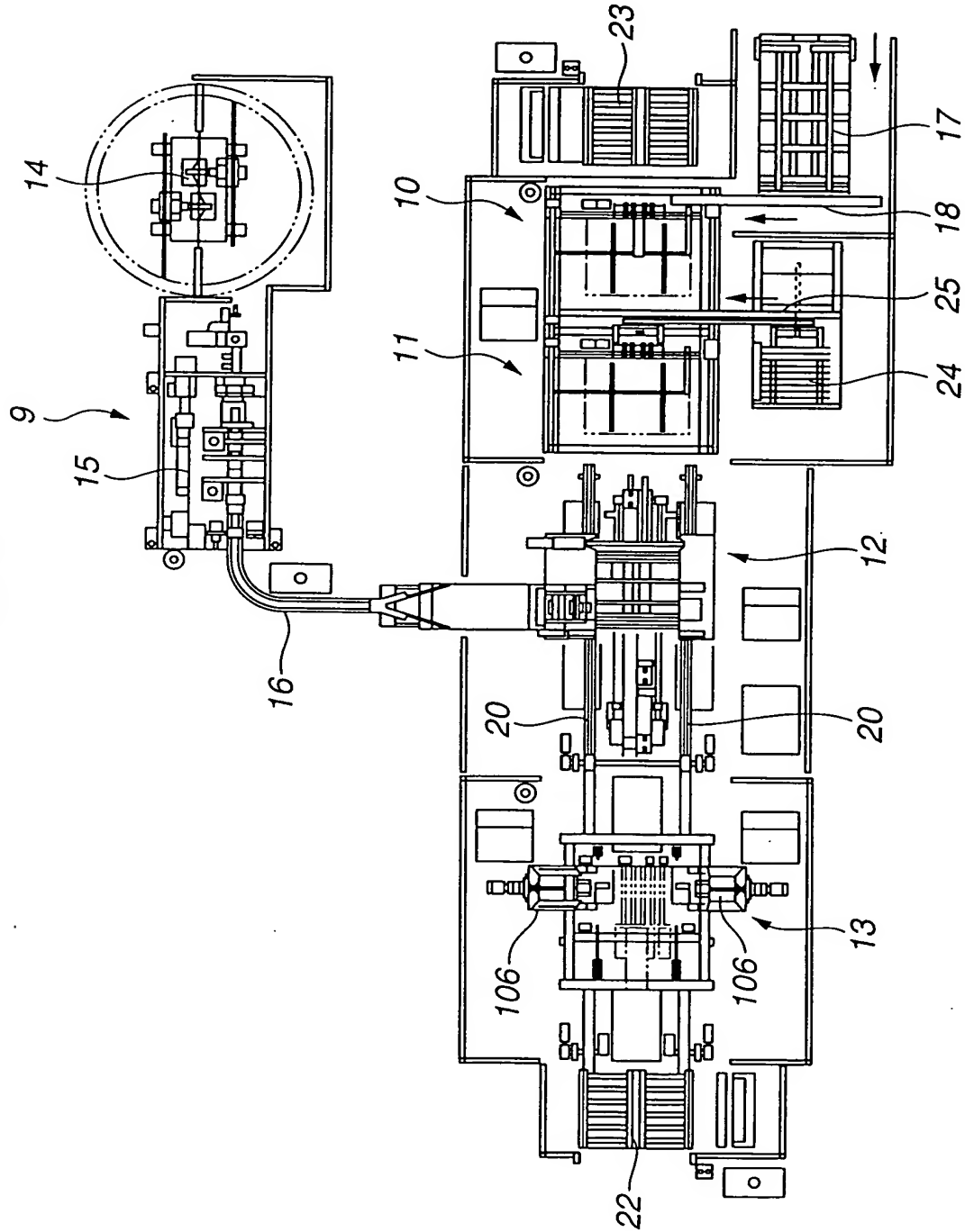


FIG.7

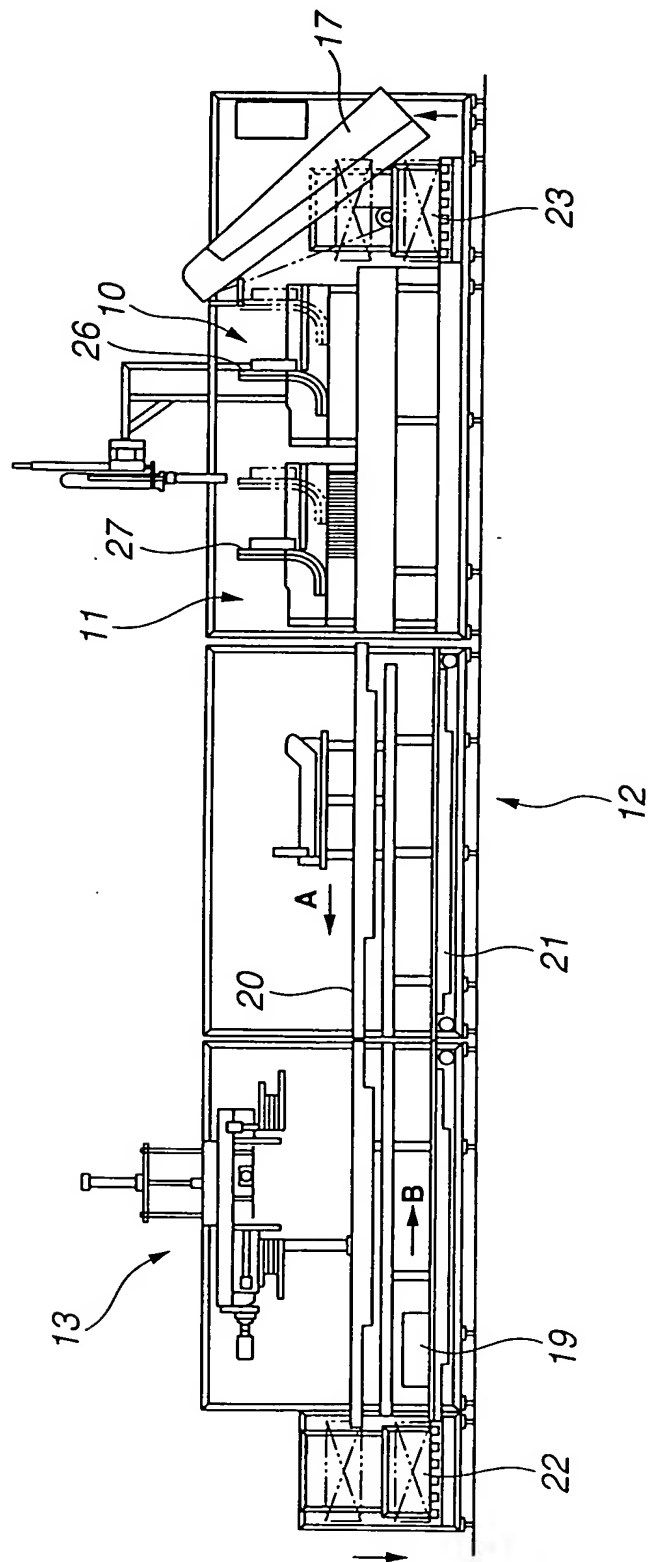
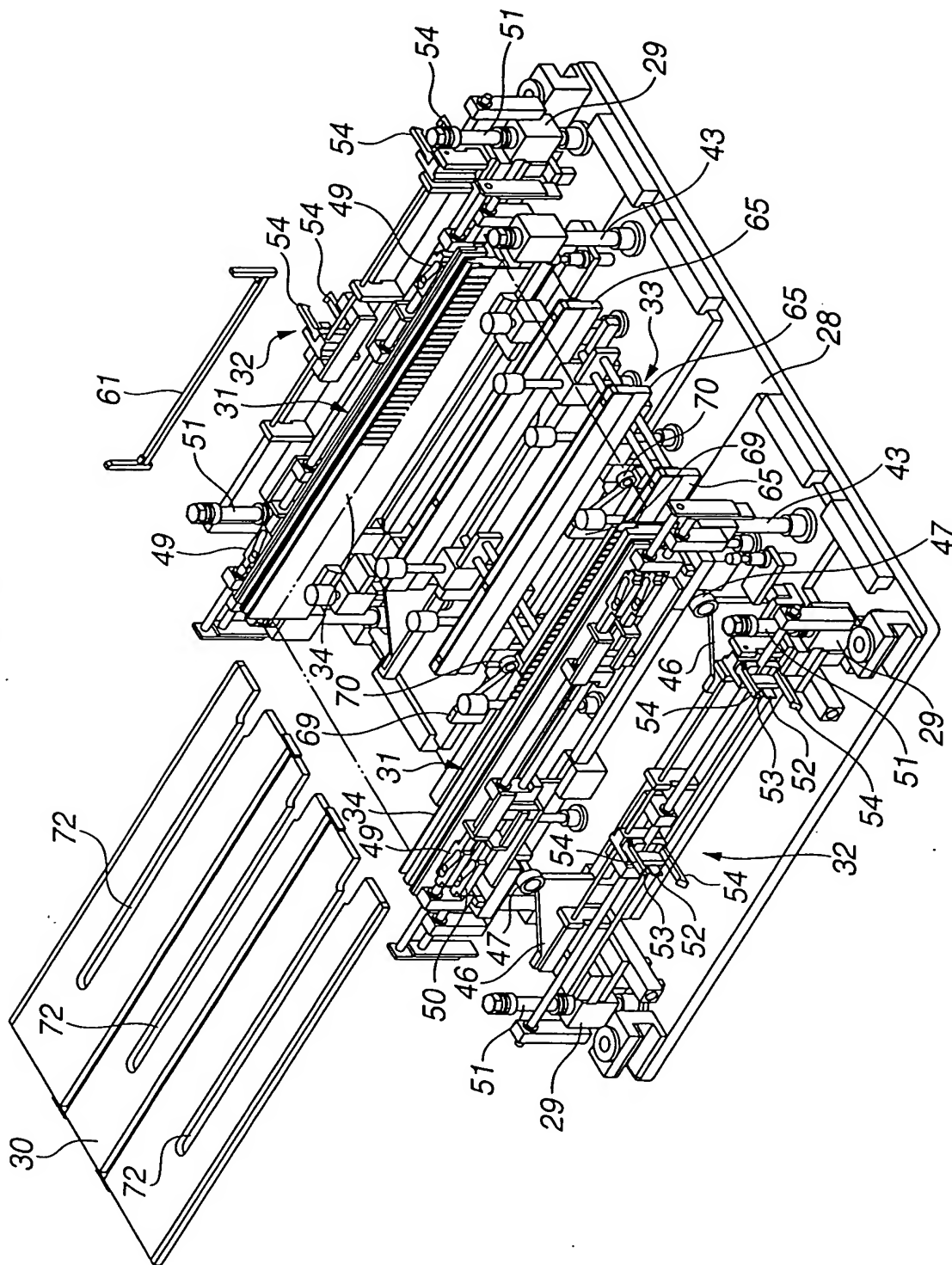


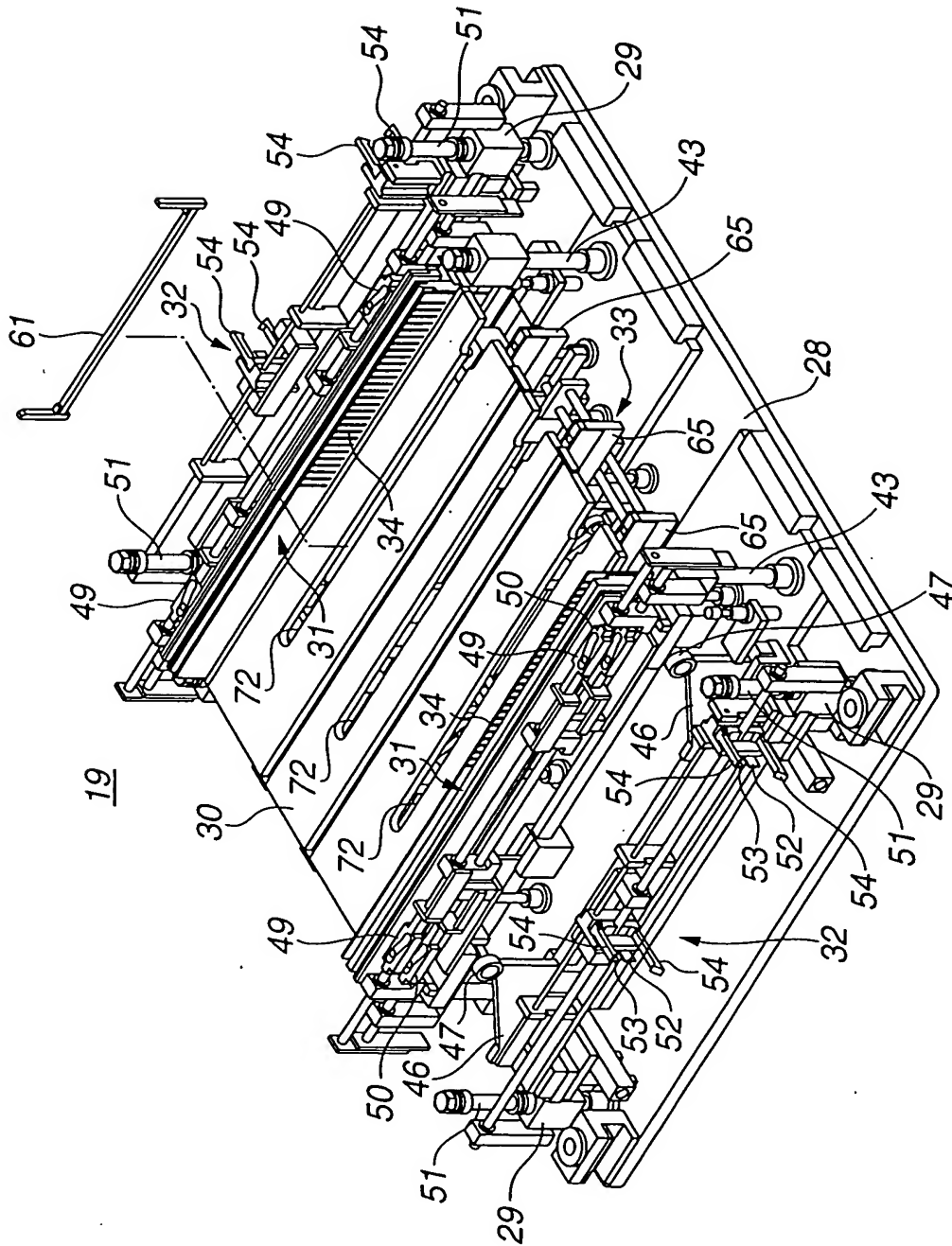
FIG.8



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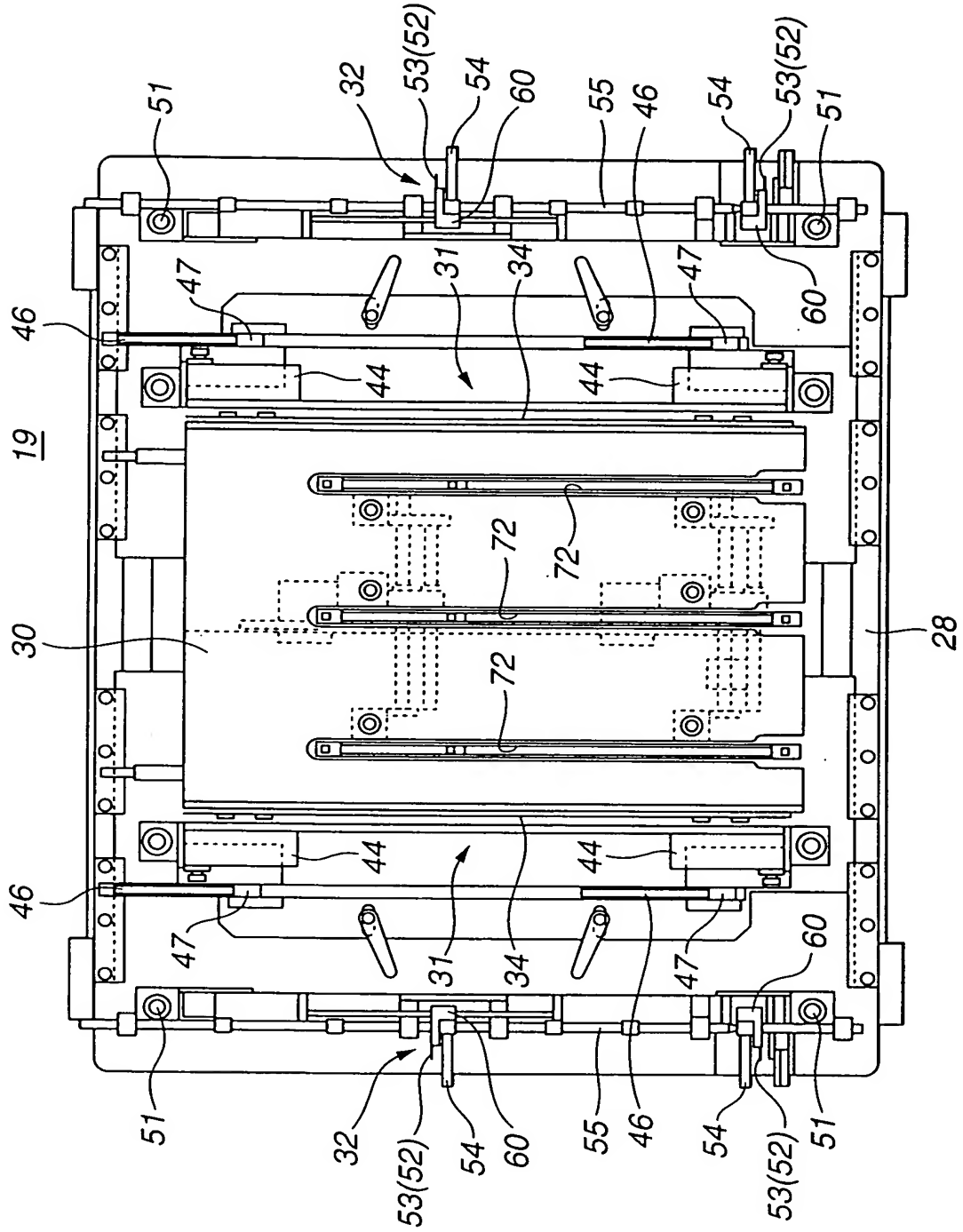
FIG.9



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FIG.10

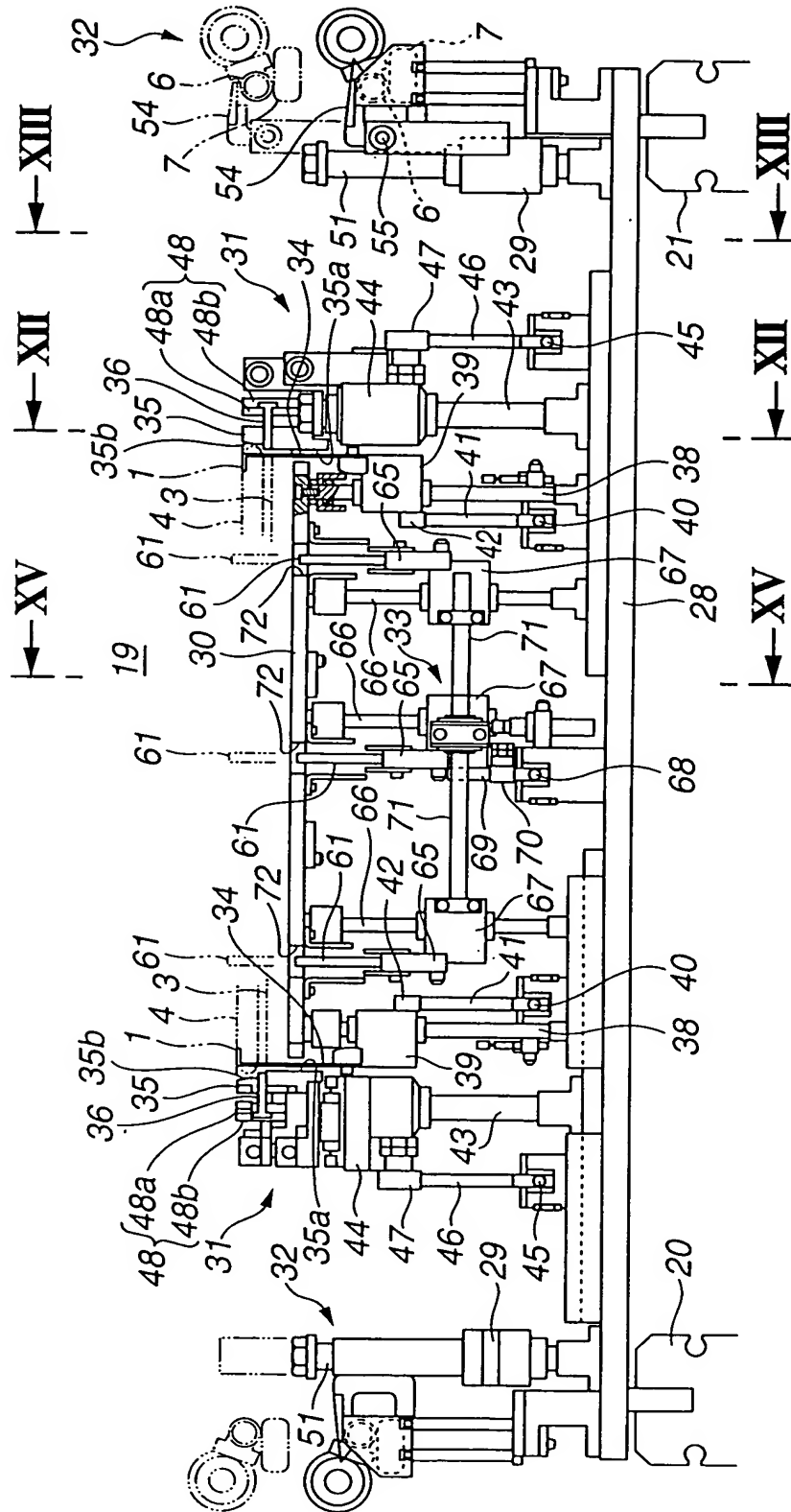


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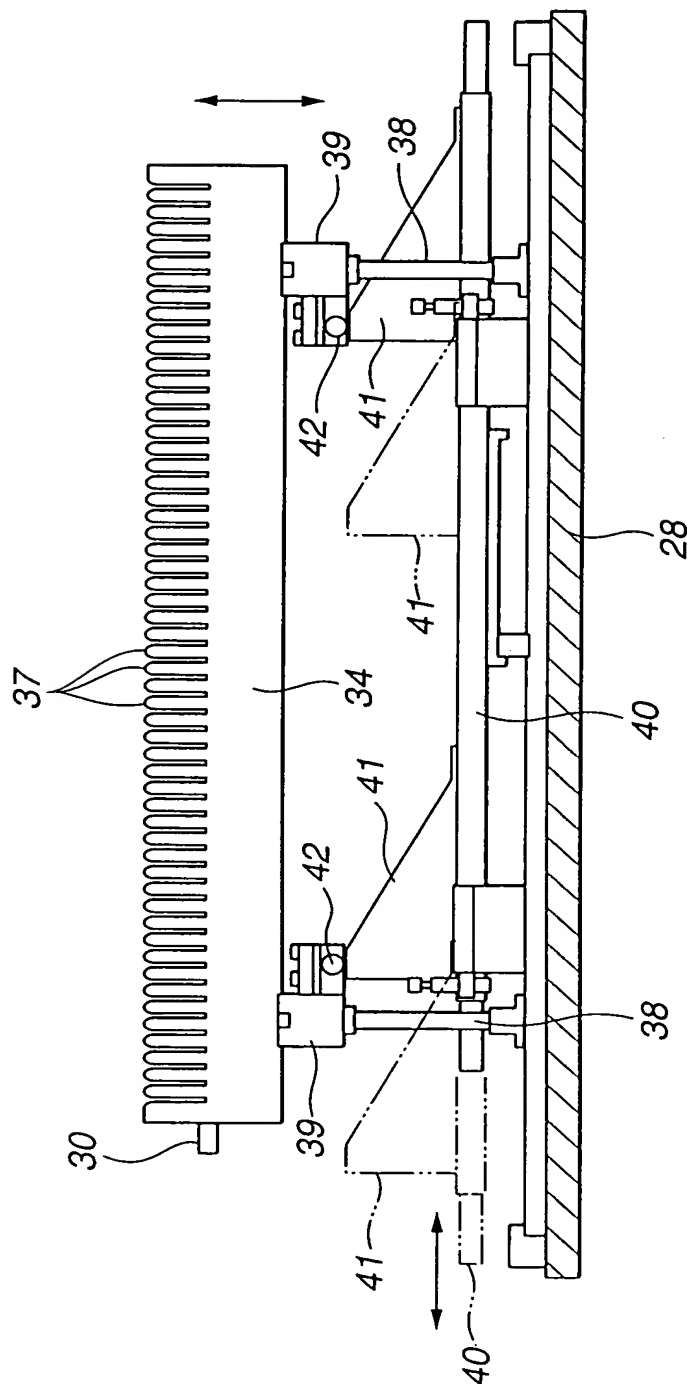
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FIG.11



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FIG. 12



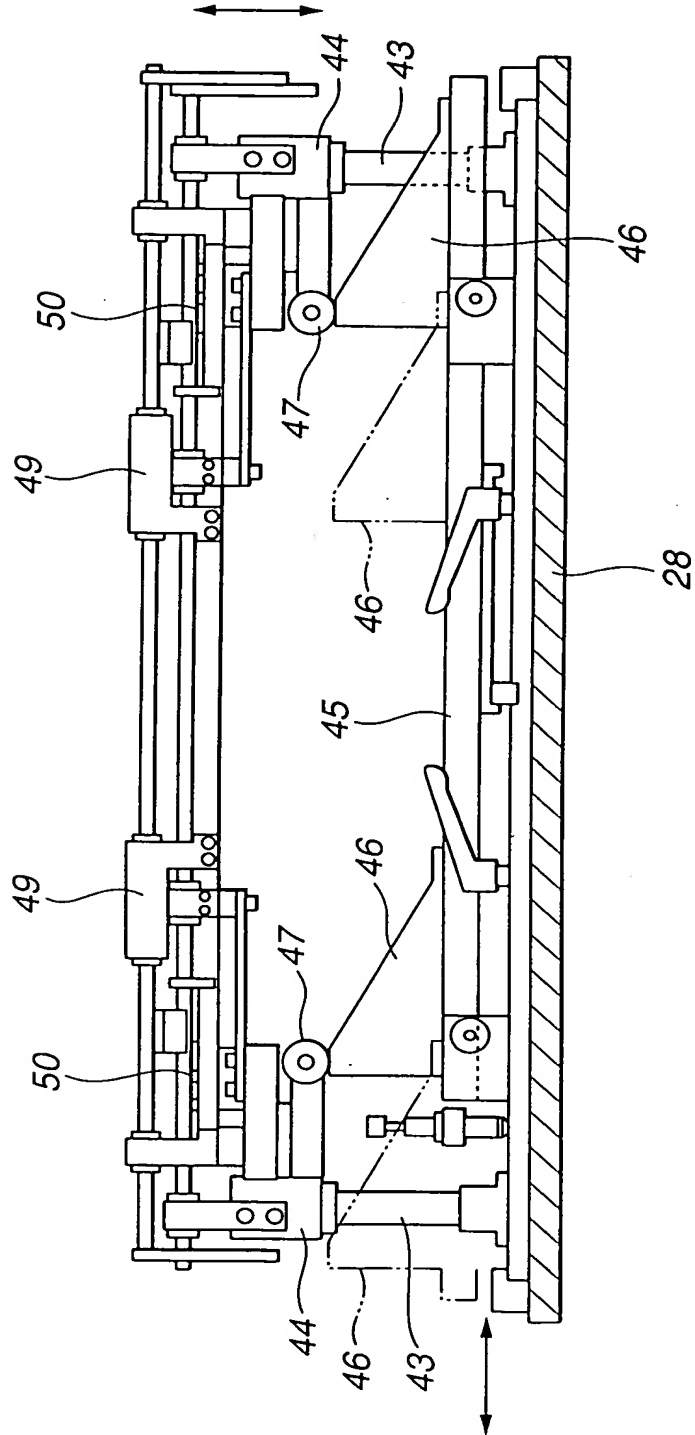


FIG. 13

FIG.14A

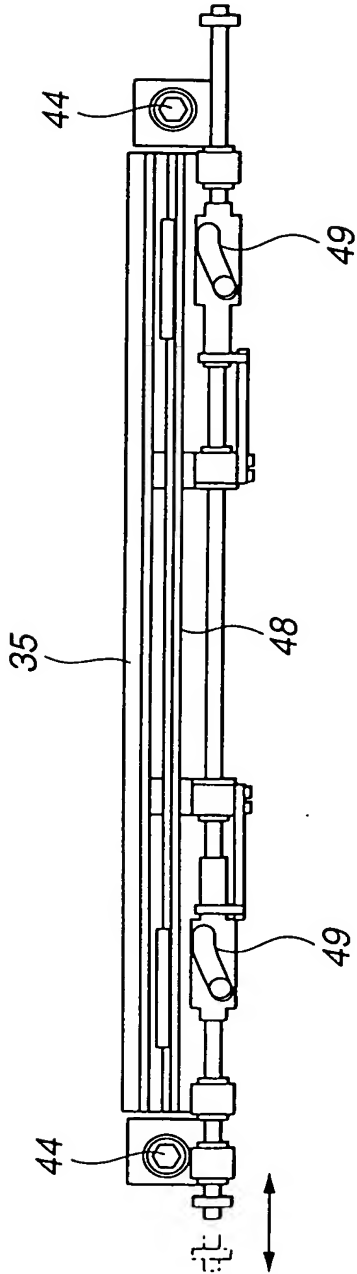
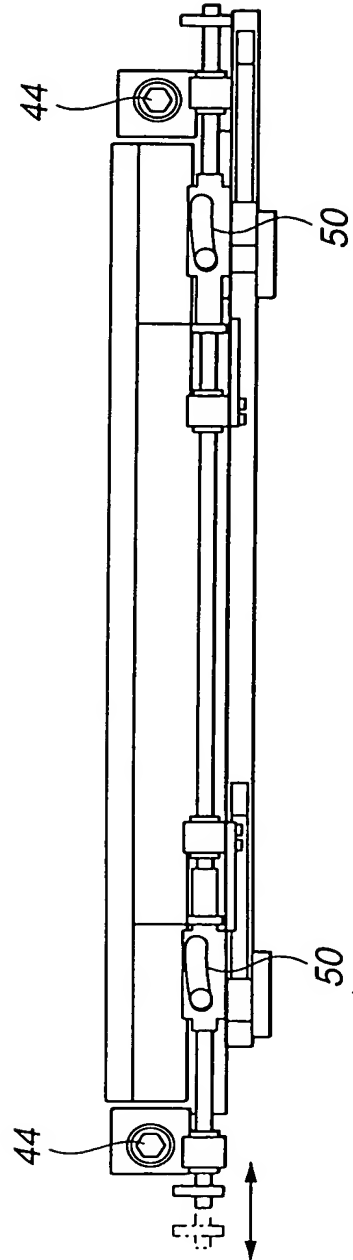


FIG.14B

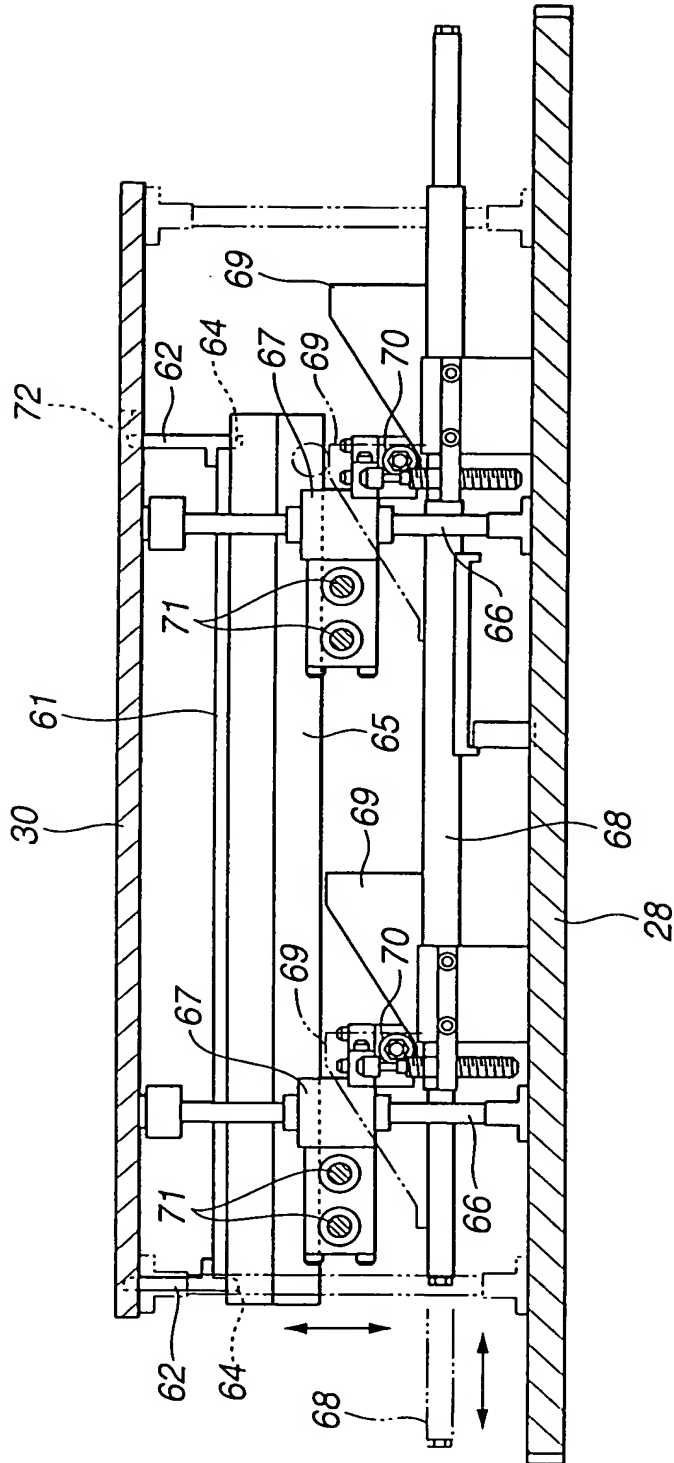


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FIG.15



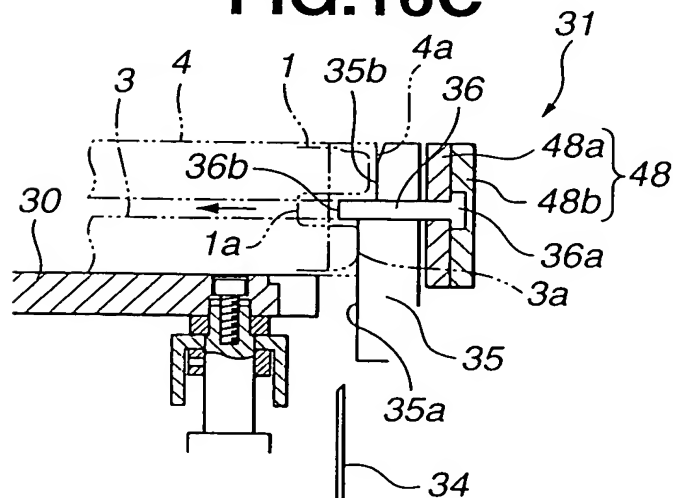
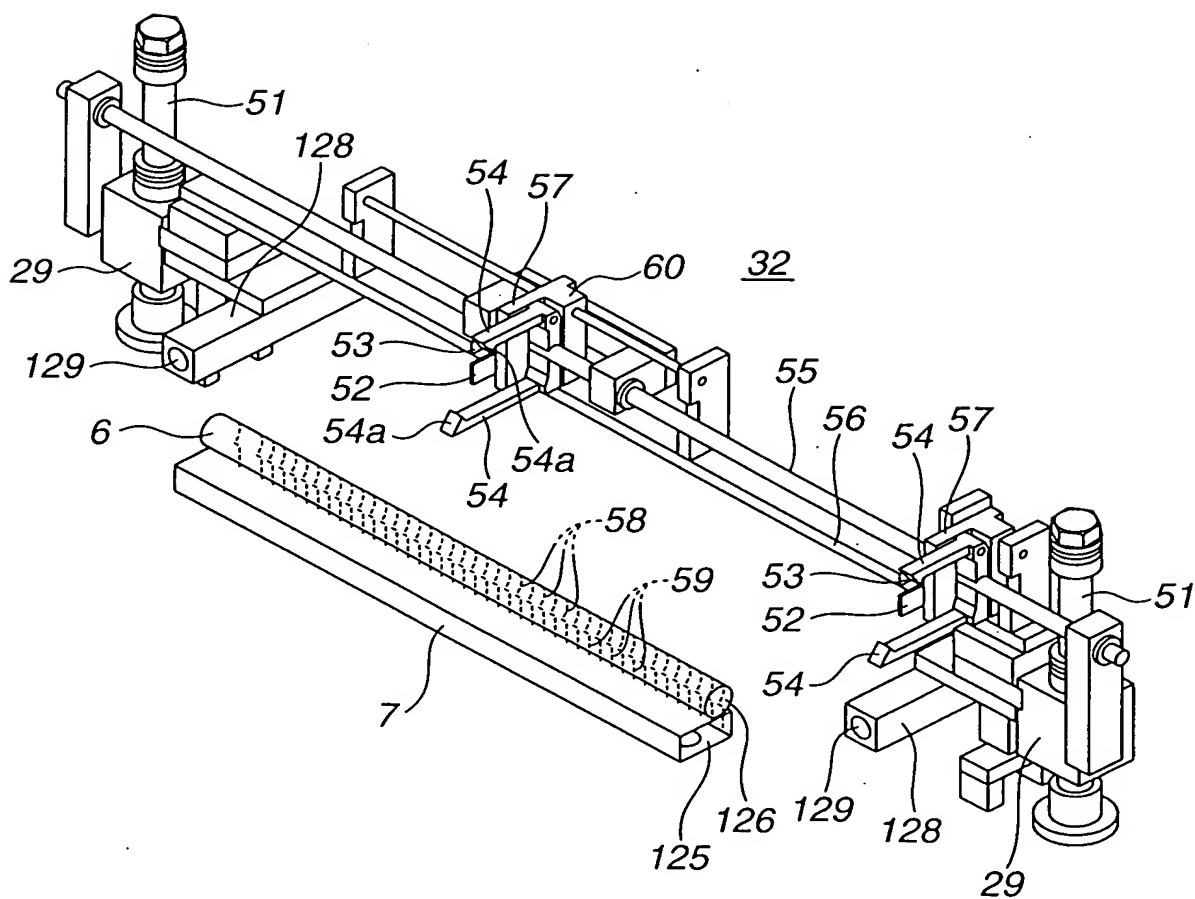


FIG.17



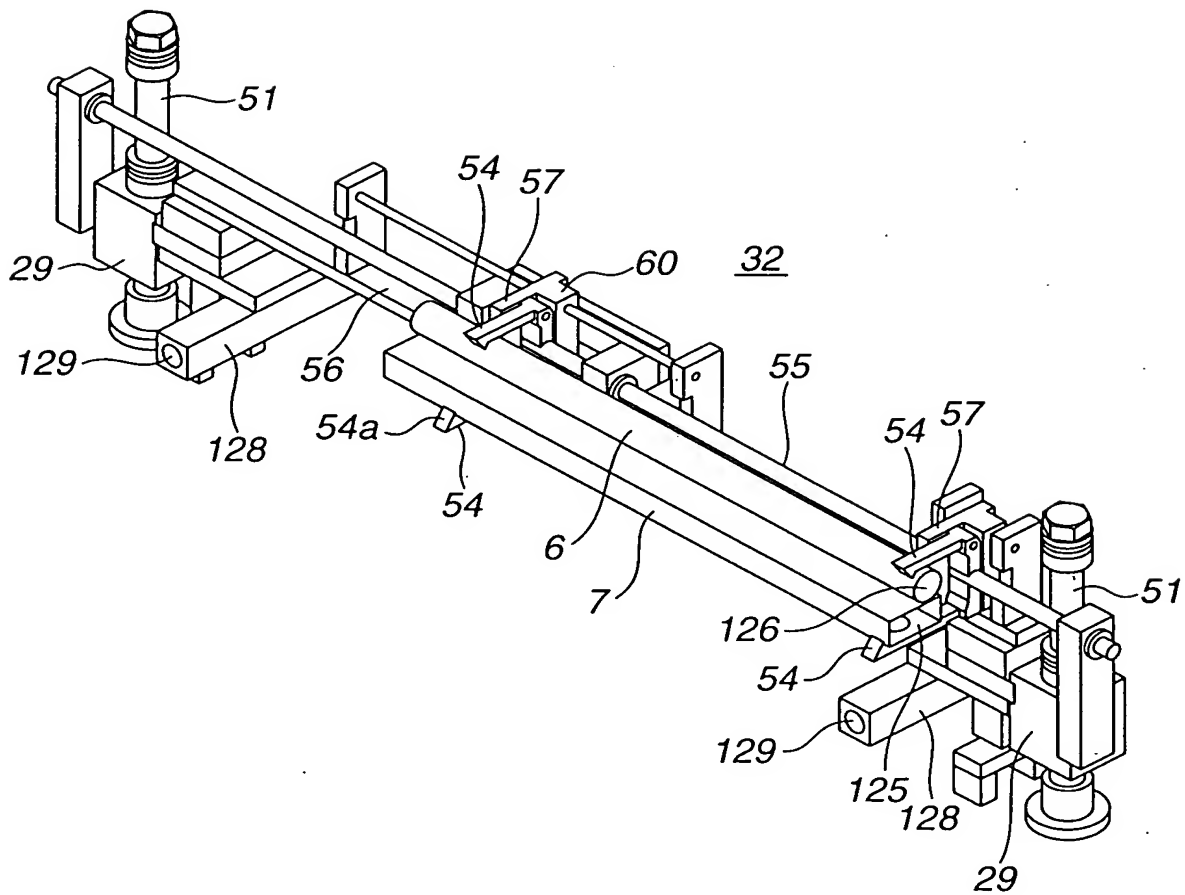
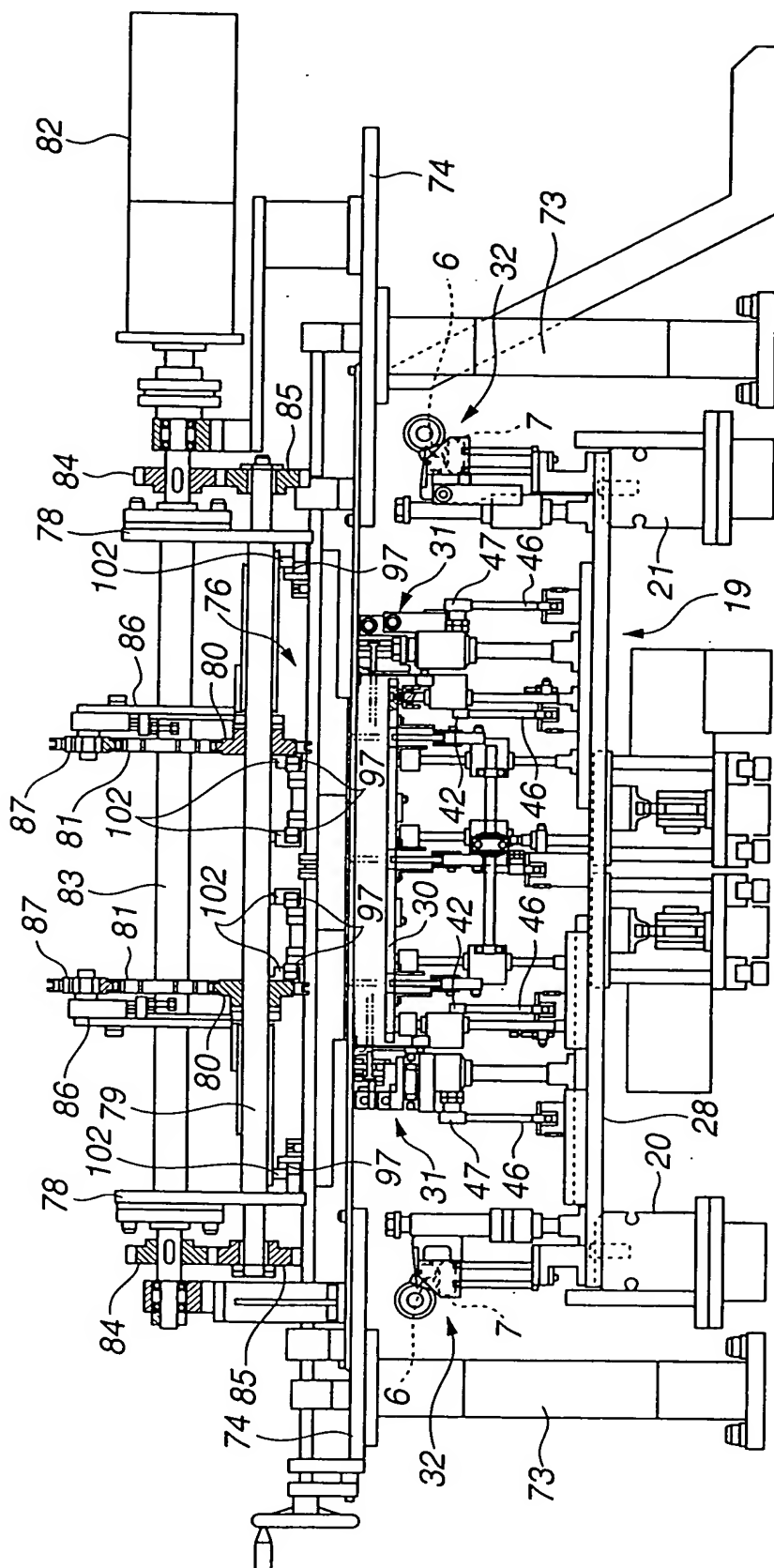
[illegible]

FIG.19



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FIG.20

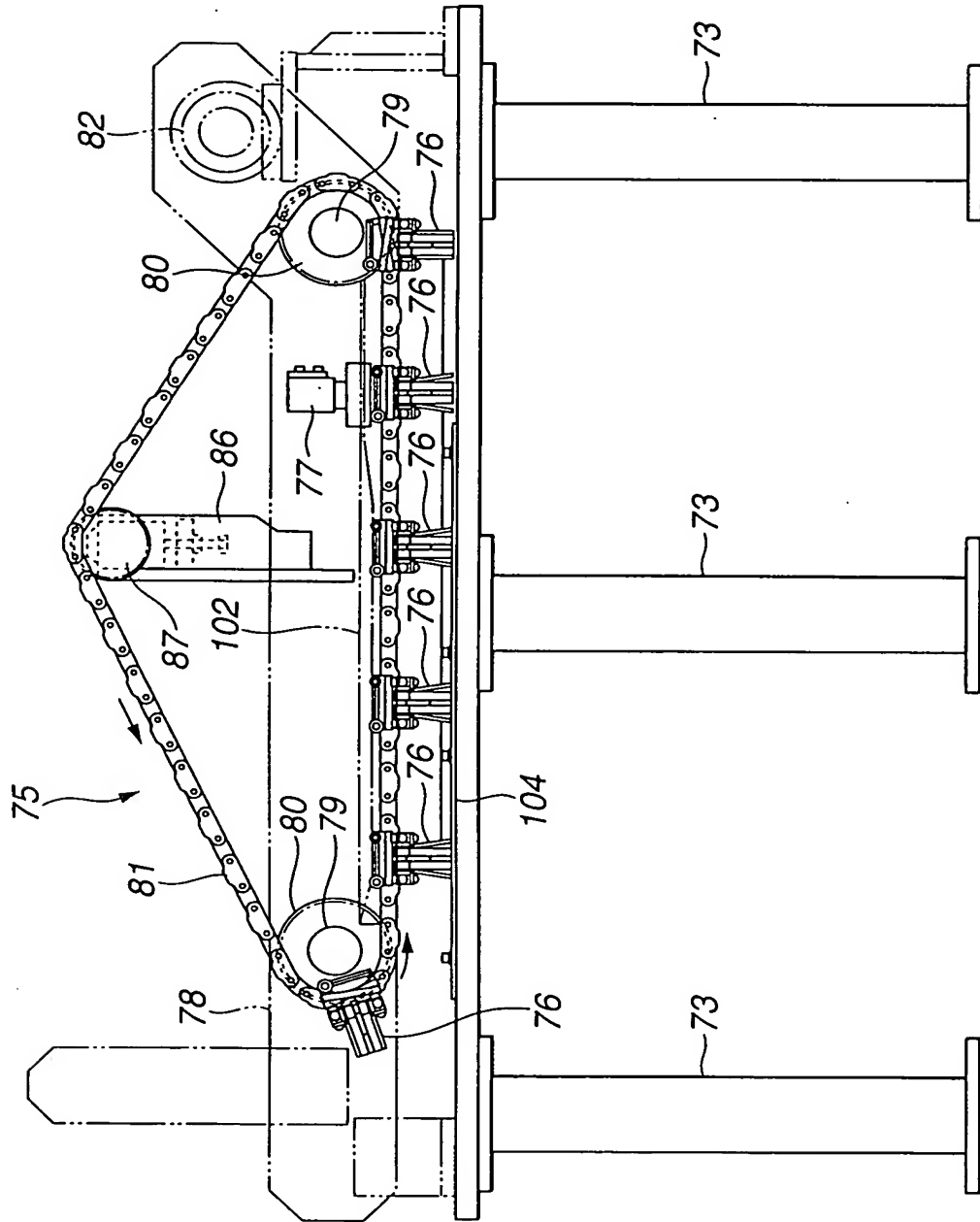
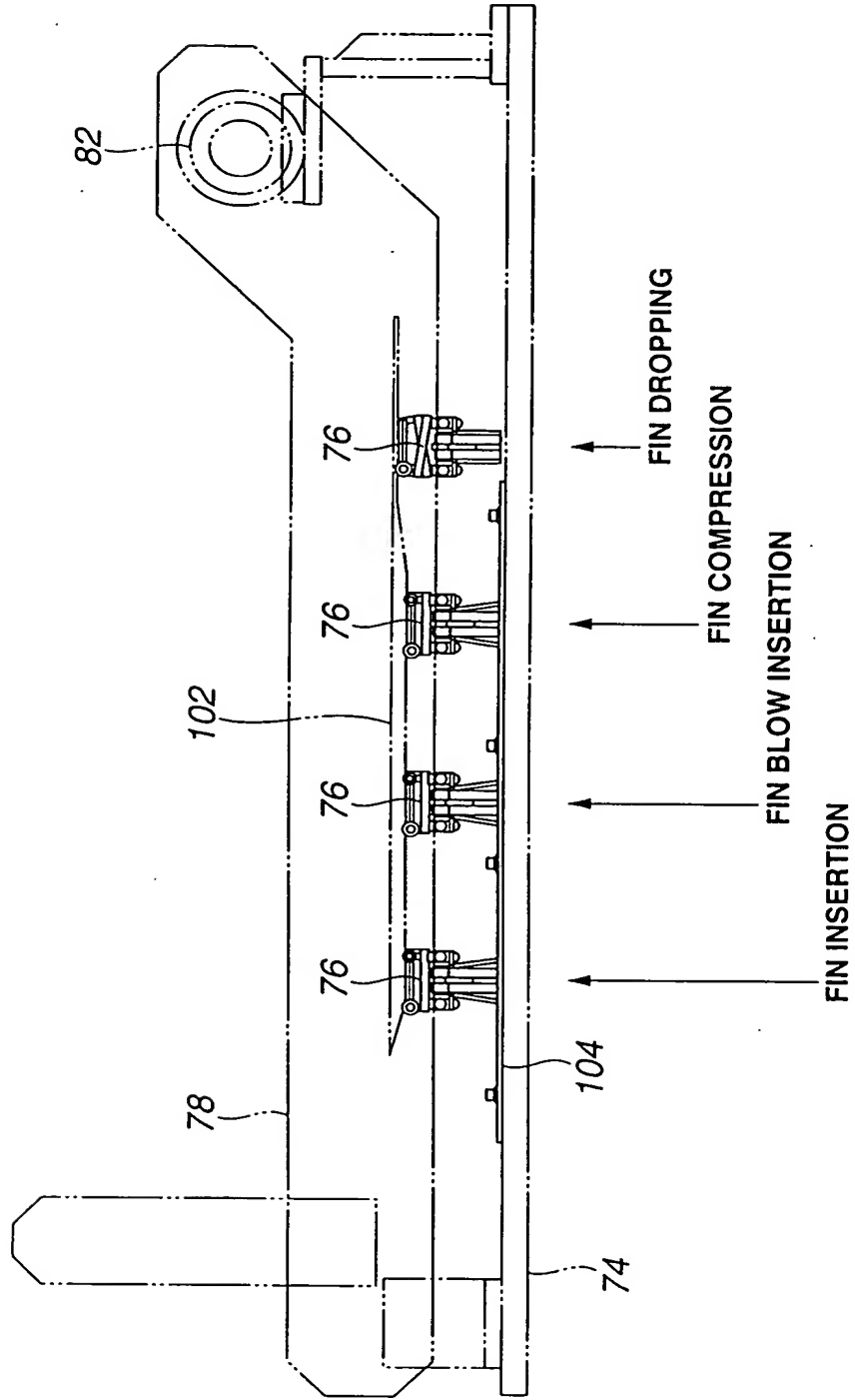


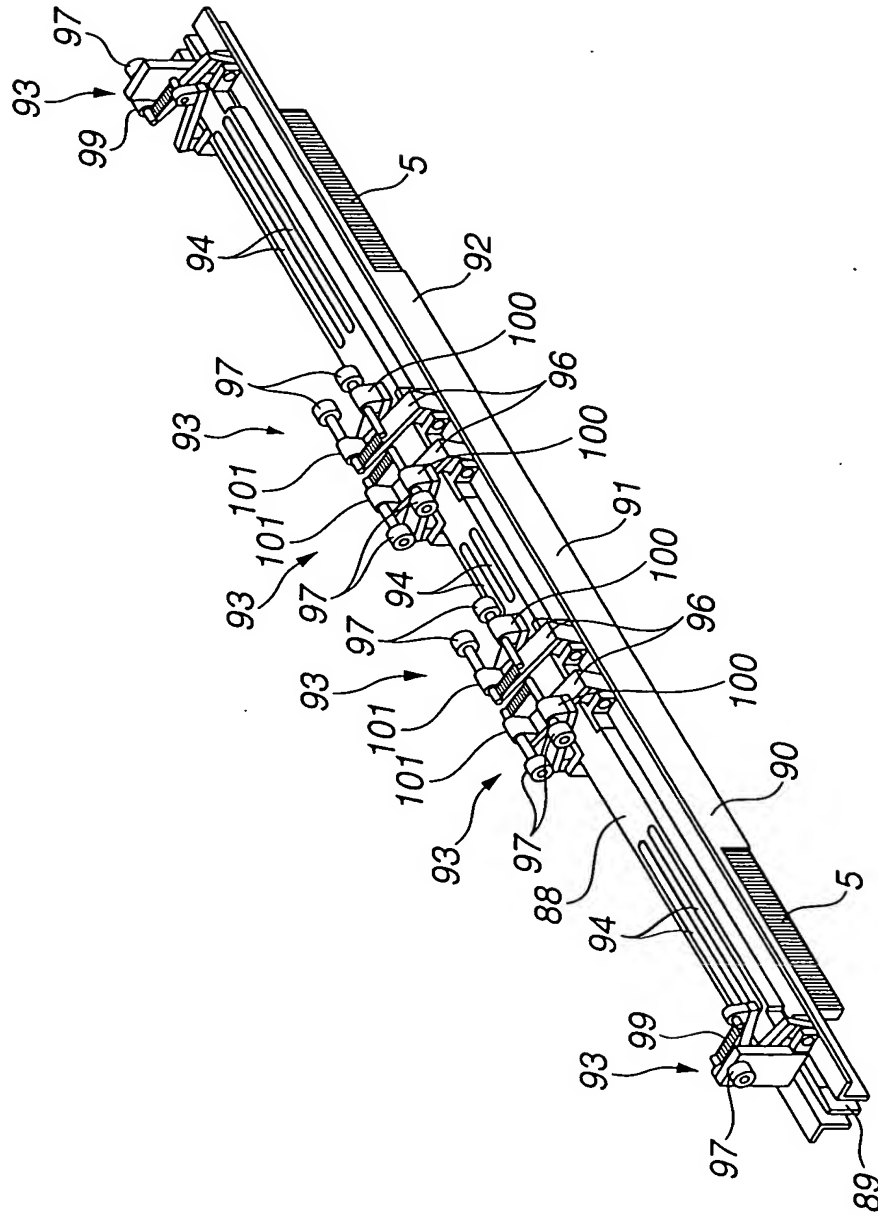
FIG.21



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FIG.22



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FIG.23A

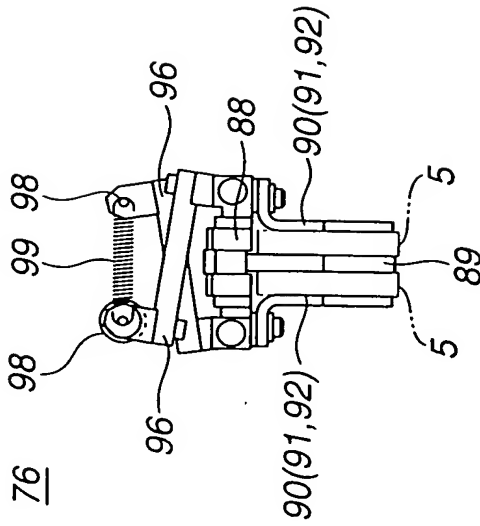
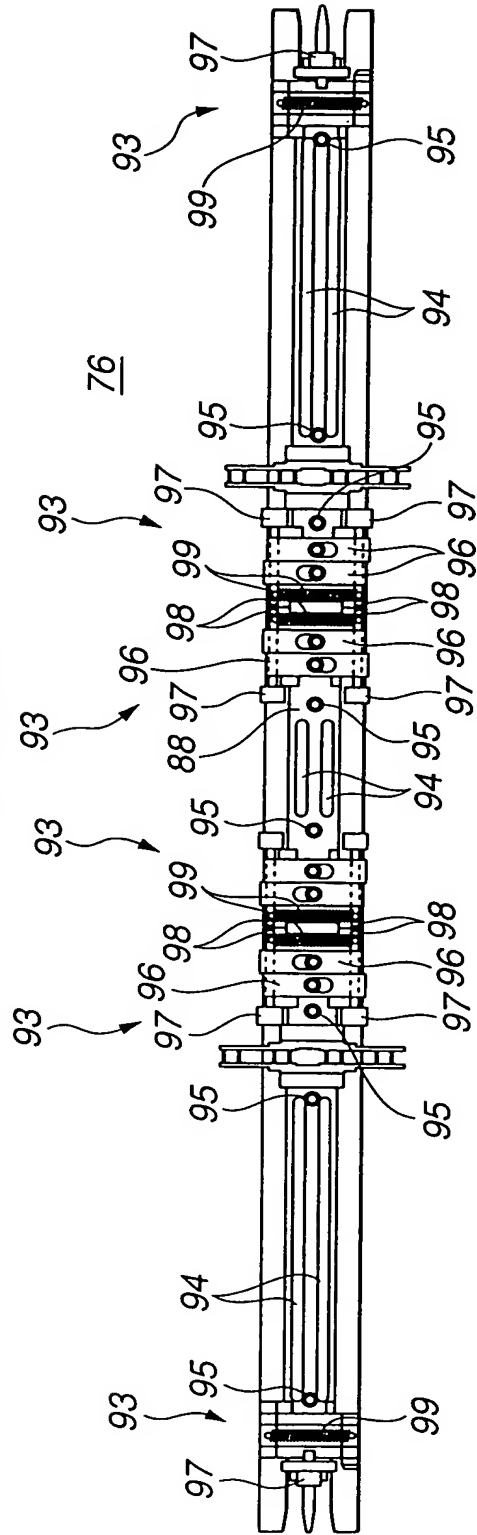


FIG.23B



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FIG.24A

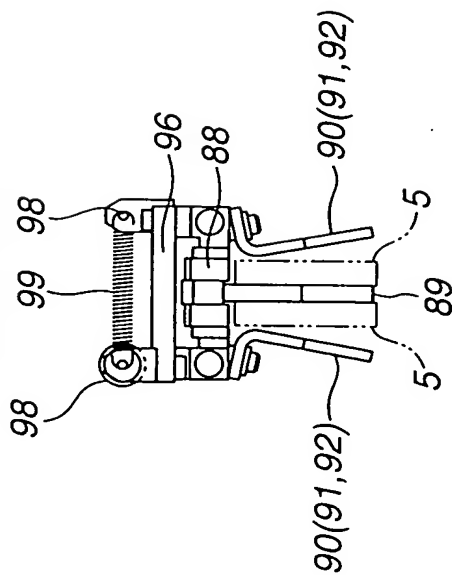


FIG.24B

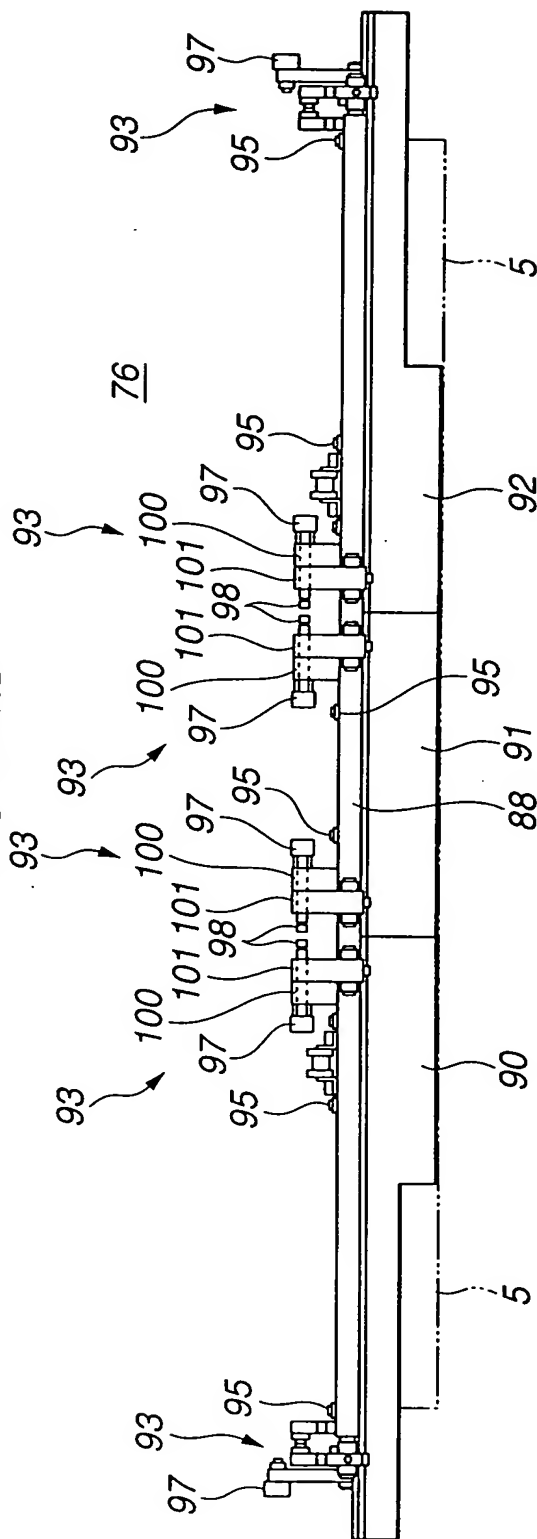


FIG.25A

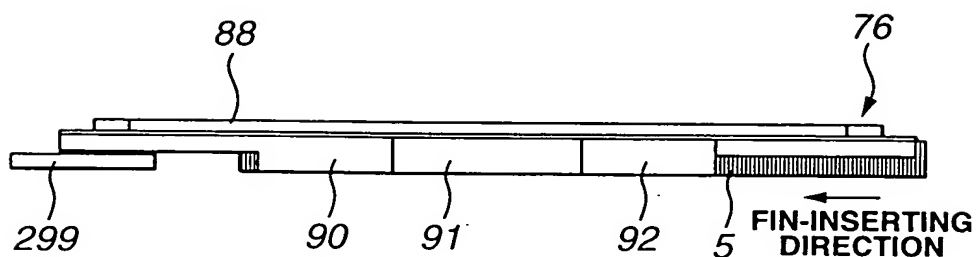


FIG.25B

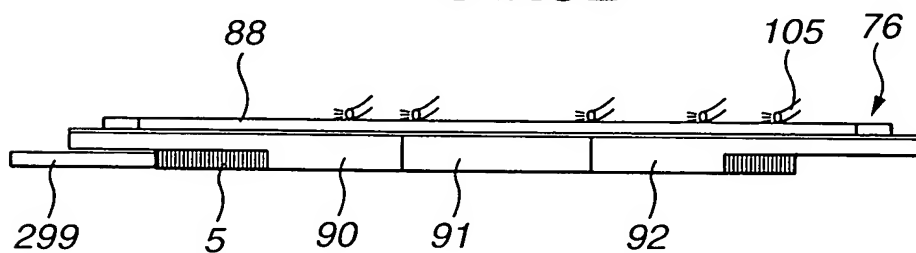


FIG.25C

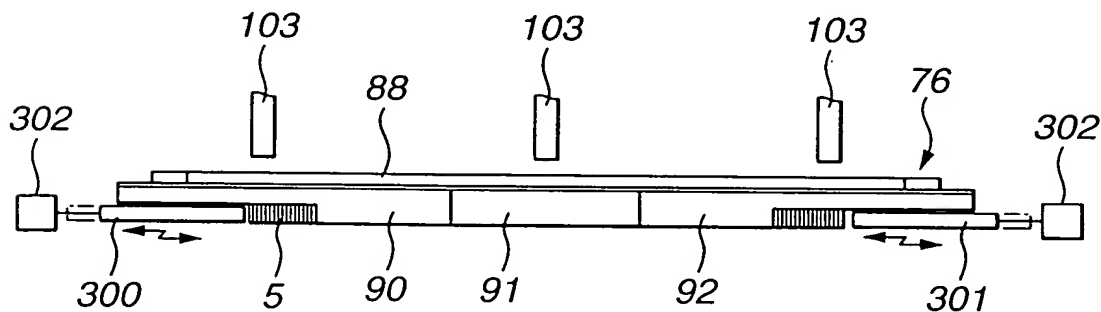
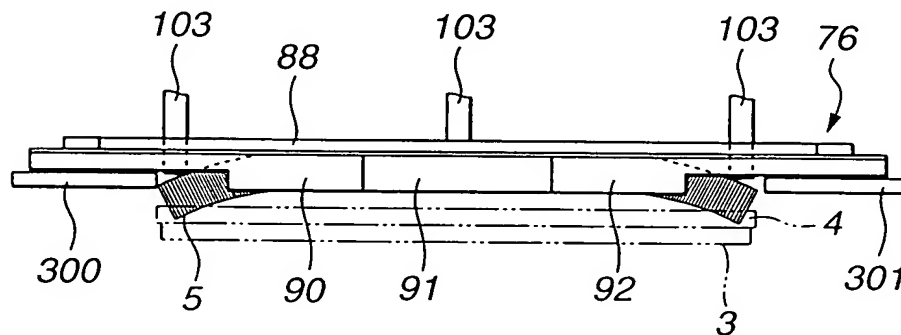


FIG.25D



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FIG.26

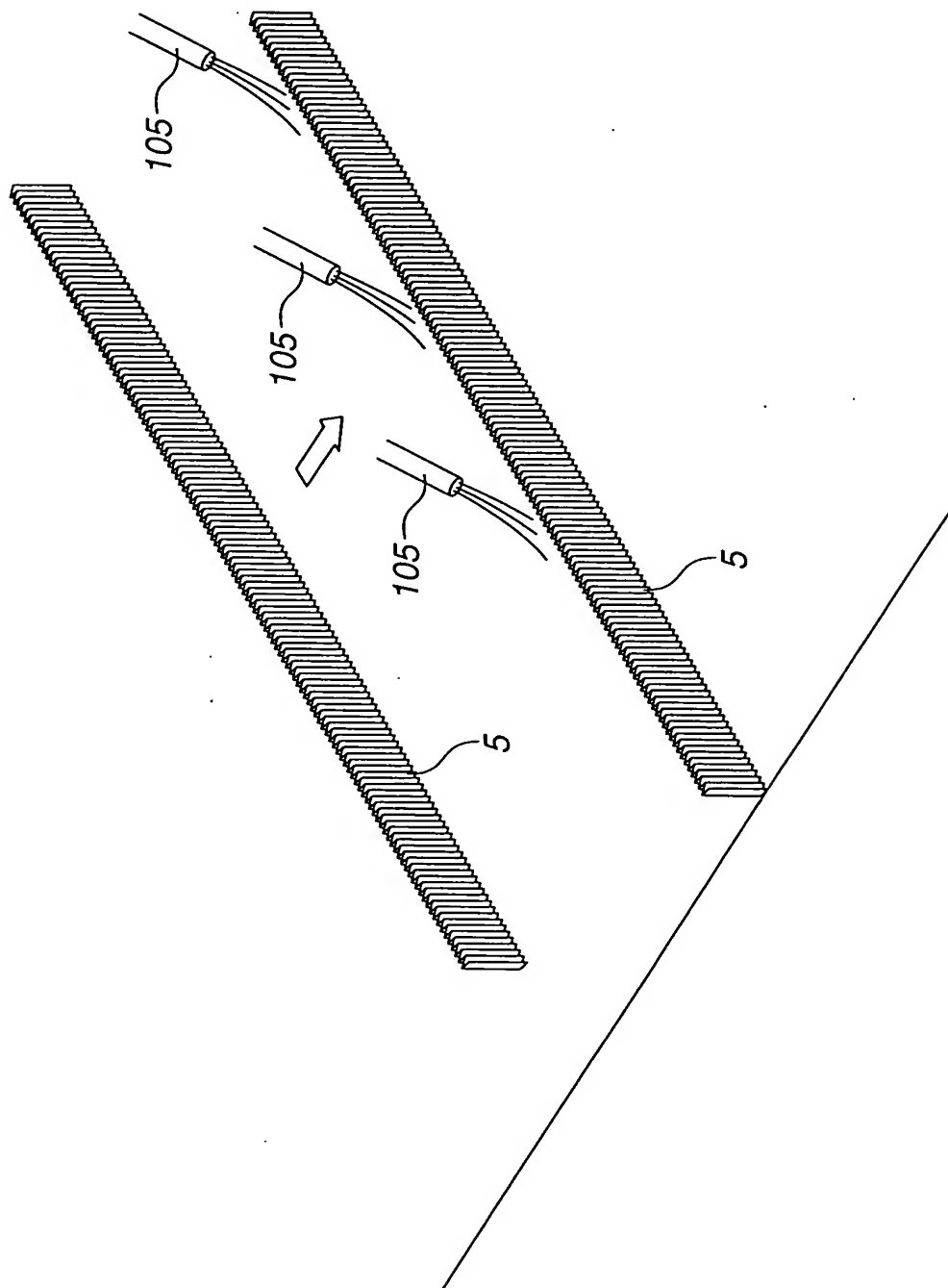


FIG. 26 is a perspective view of a heat exchanger assembly. The assembly includes two parallel, elongated, finned tubes, each labeled with the numeral 5. The tubes are oriented diagonally. Between the tubes, there are three spray nozzles, each labeled with the numeral 105. An arrow points from the middle nozzle towards the space between the tubes, indicating a flow or spray direction. A diagonal line is drawn across the lower right portion of the image.

FIG.27

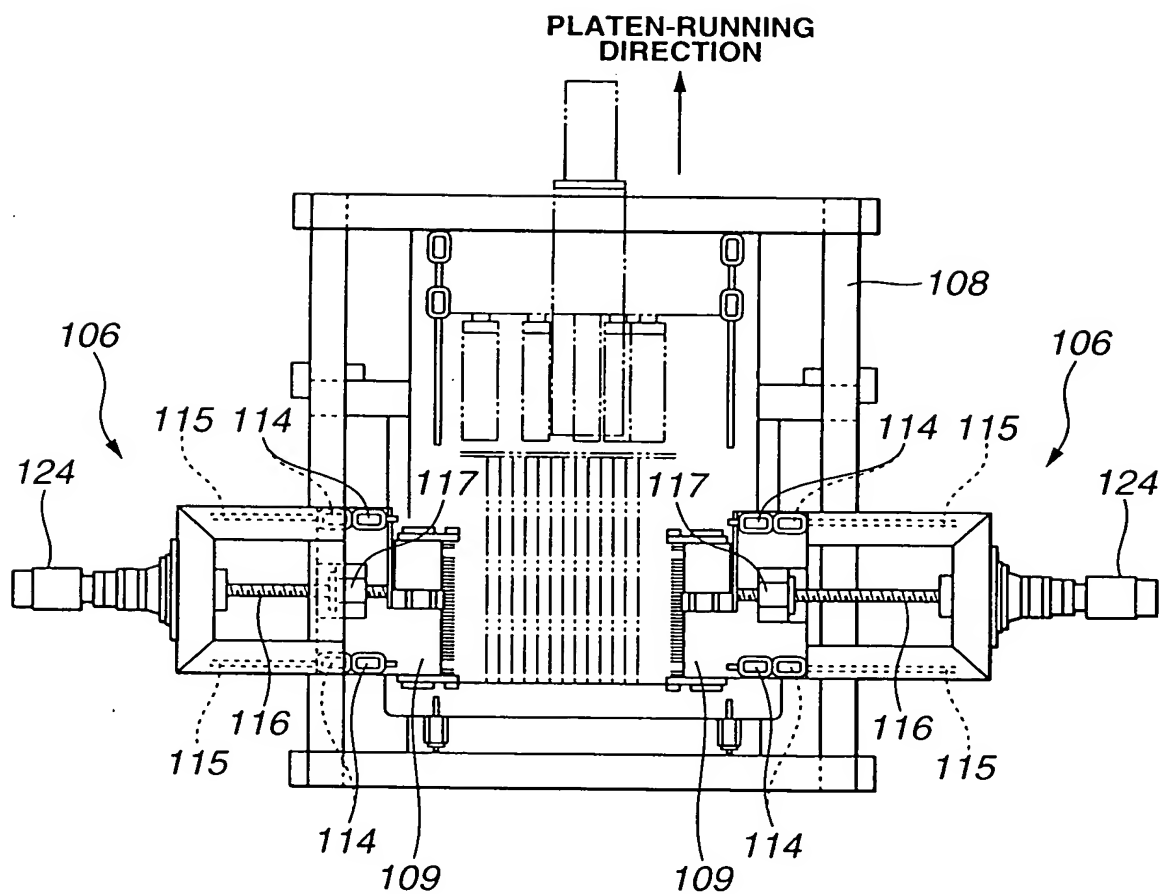


FIG.28

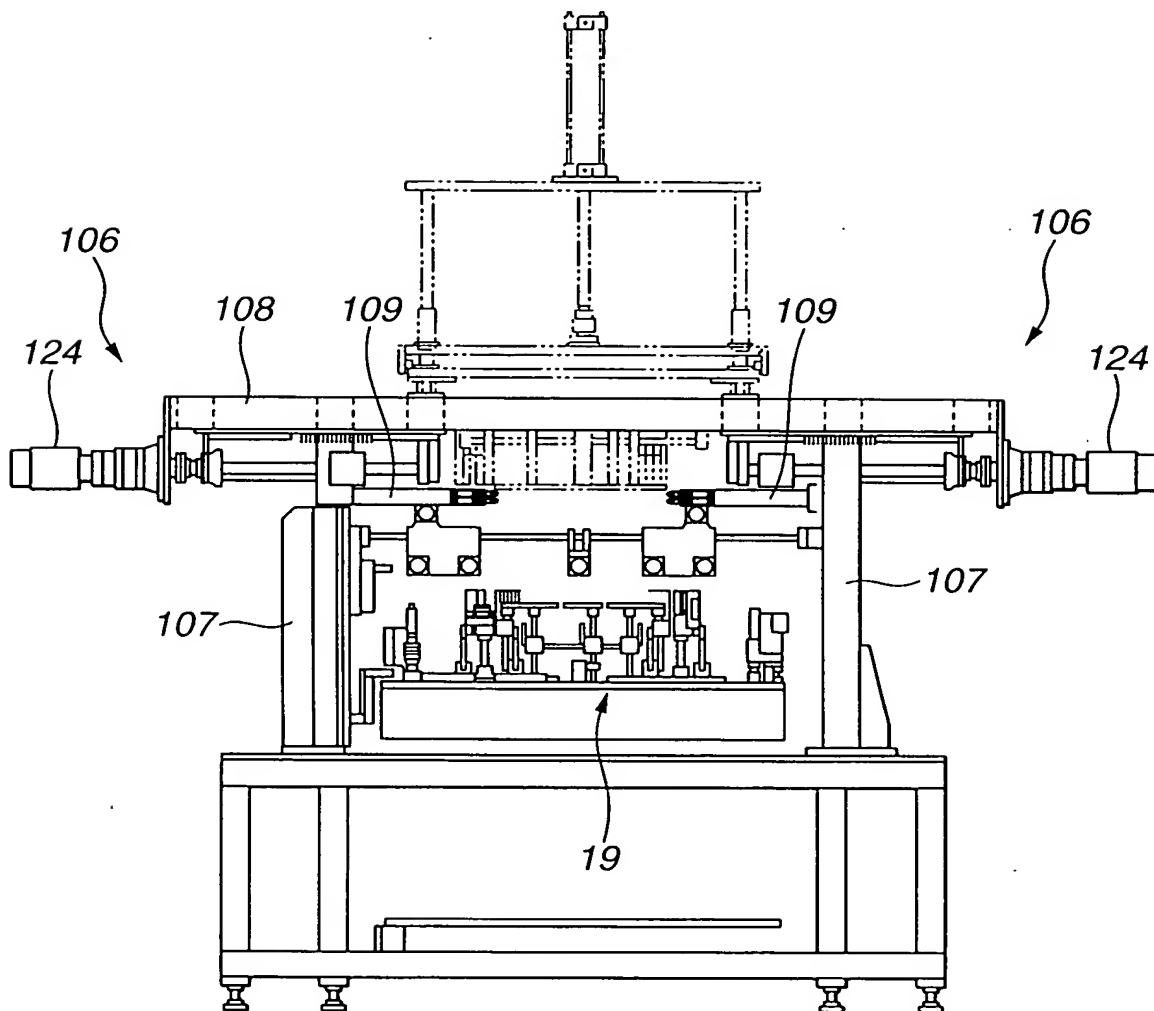


FIG. 28 is a cross-sectional view of a heat exchanger assembly. The assembly includes a central horizontal tube 108, two vertical tubes 107, and two horizontal tubes 124. The central tube 108 has a cross-section showing internal components 109. The assembly is supported by a base 19. Various other components and fasteners are indicated by dashed lines and labels.

FIG.29A

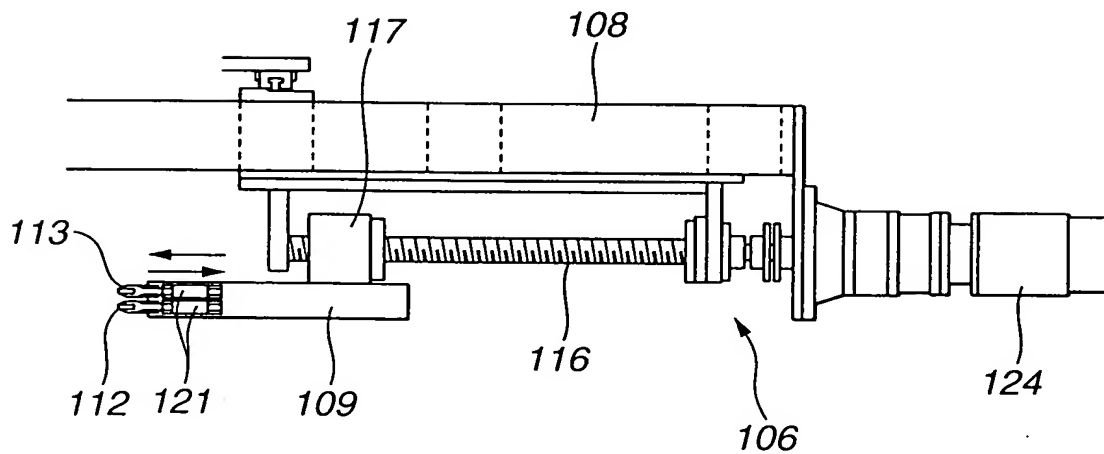


FIG.29B

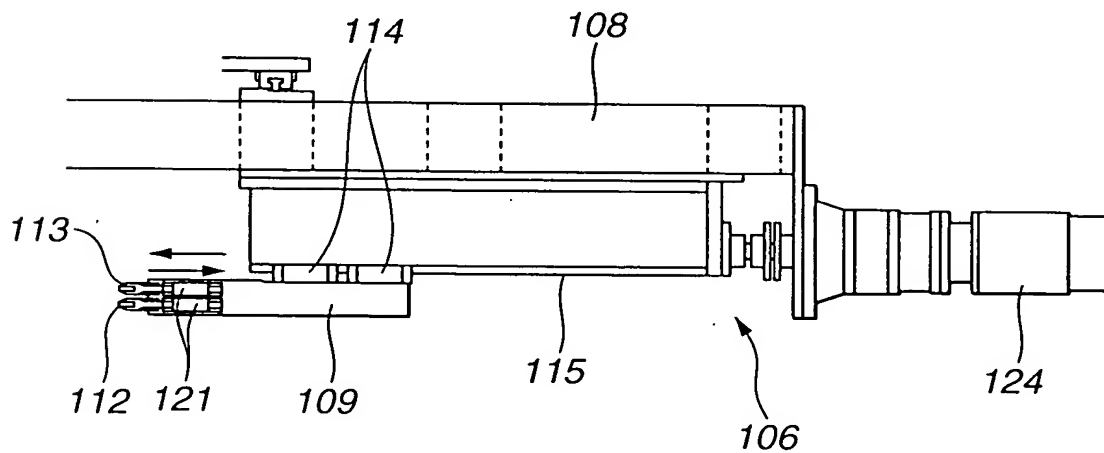


FIG.30

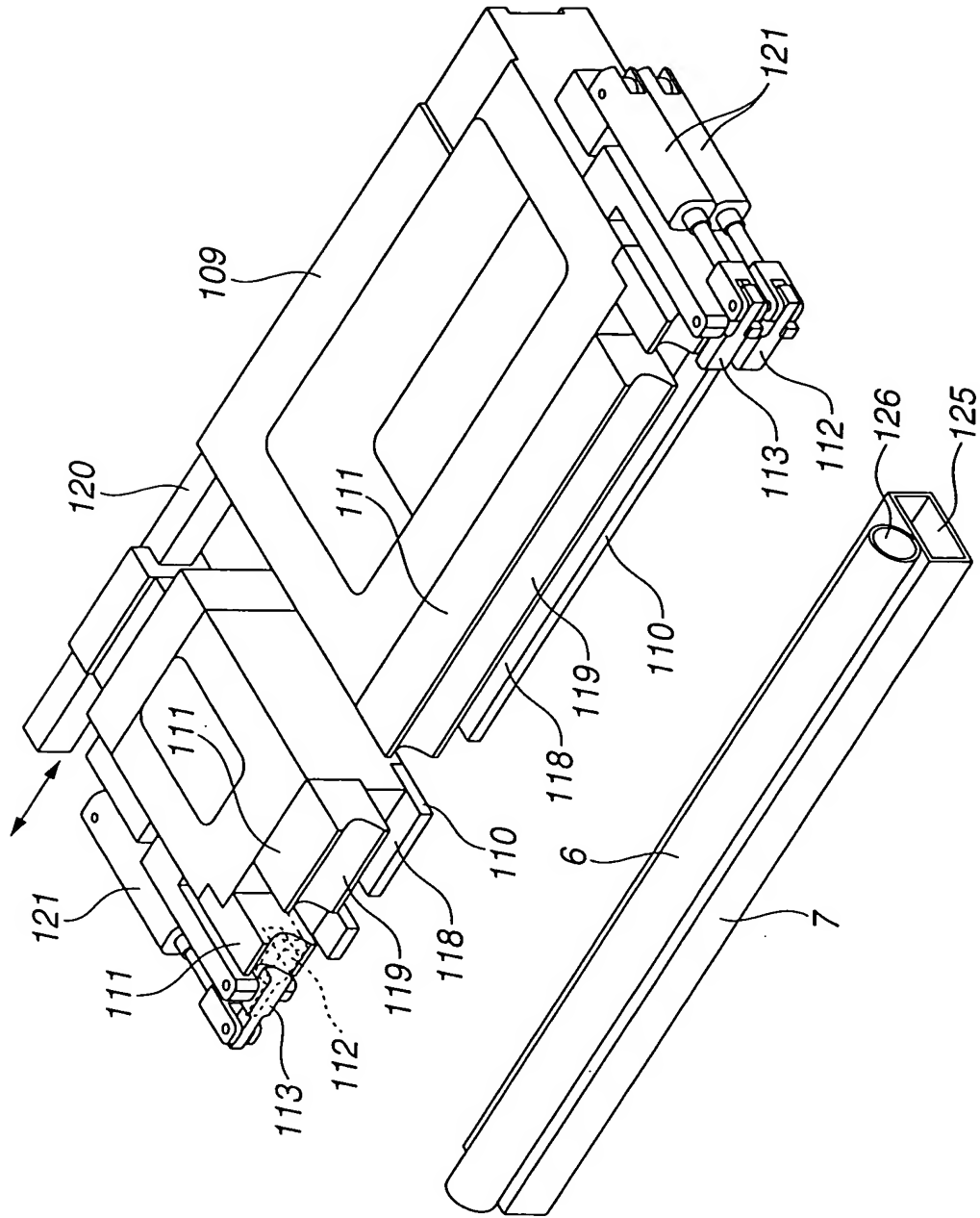


FIG.31B

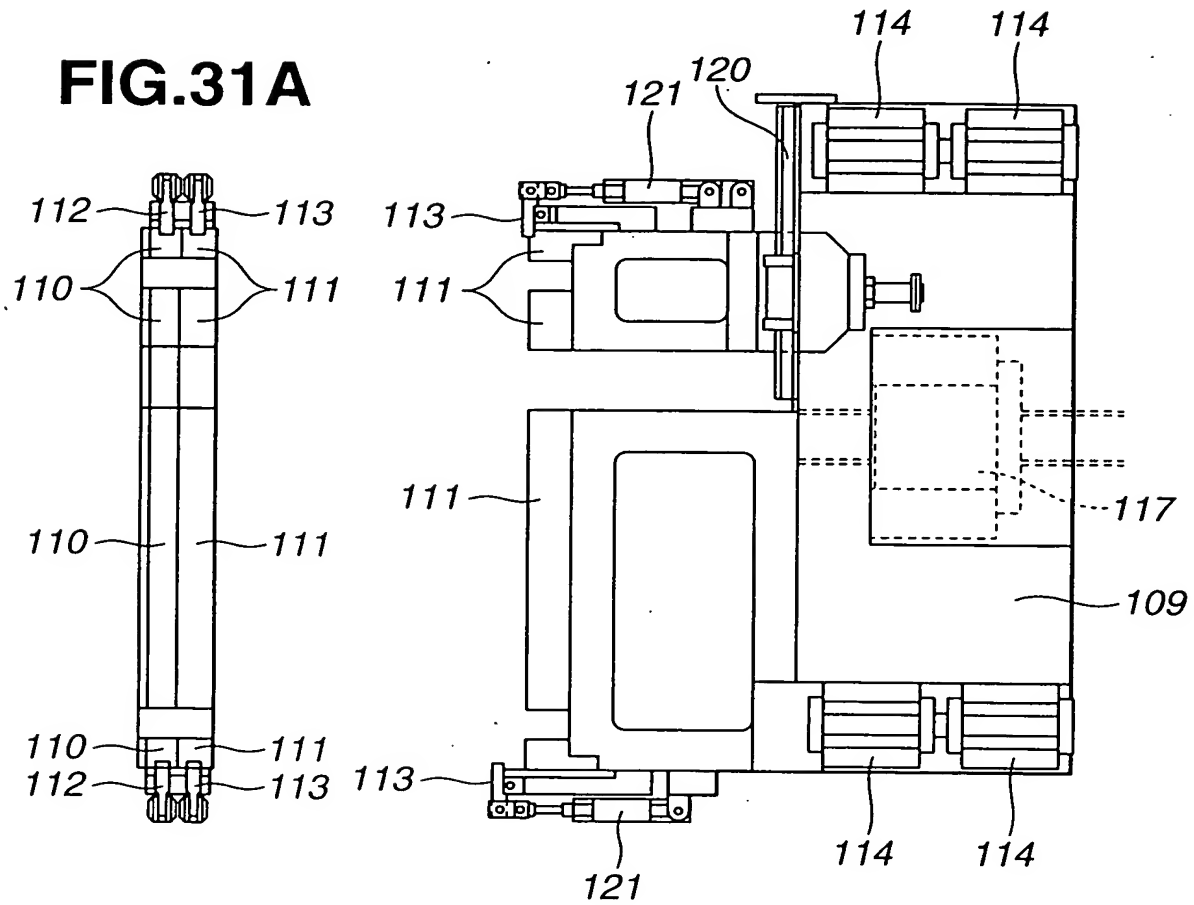


FIG.31C

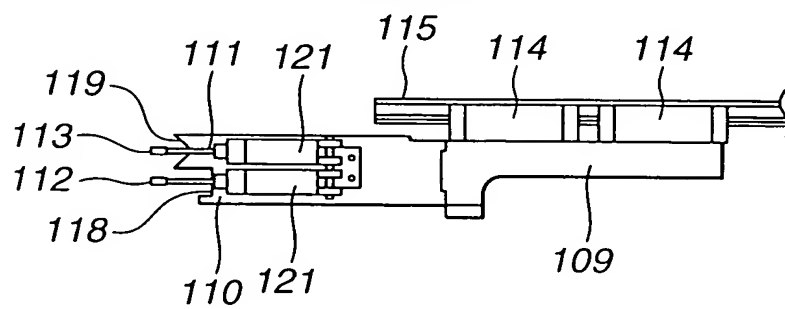


FIG.32A

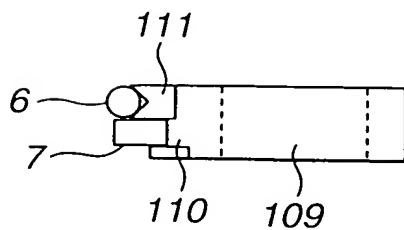


FIG.32B

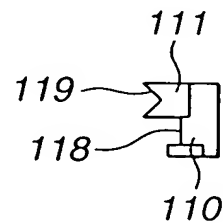
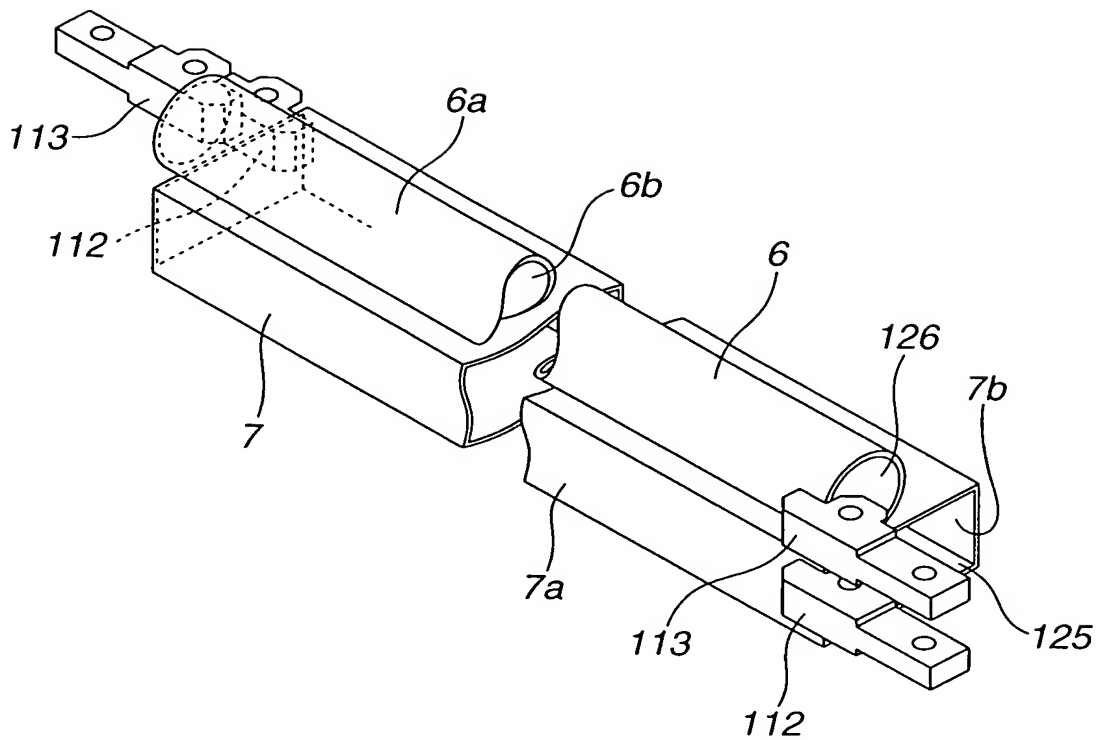


FIG.33



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FIG.34

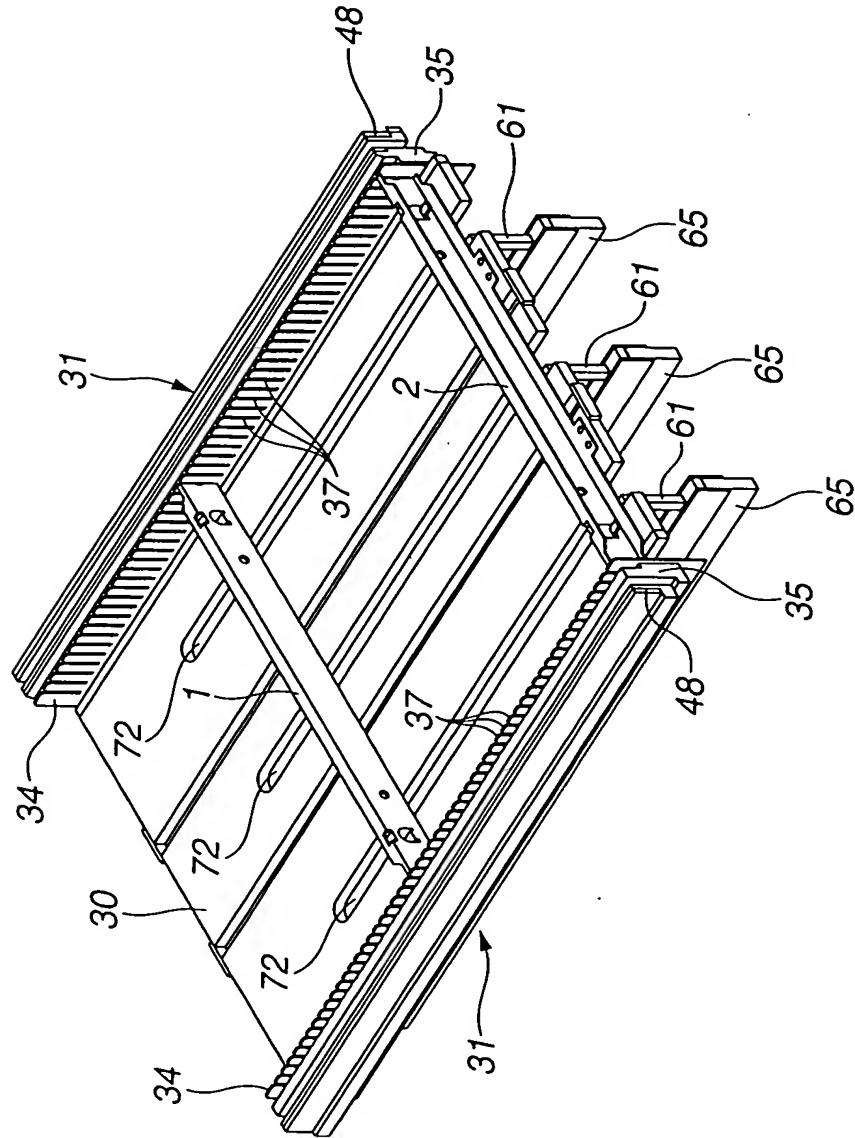
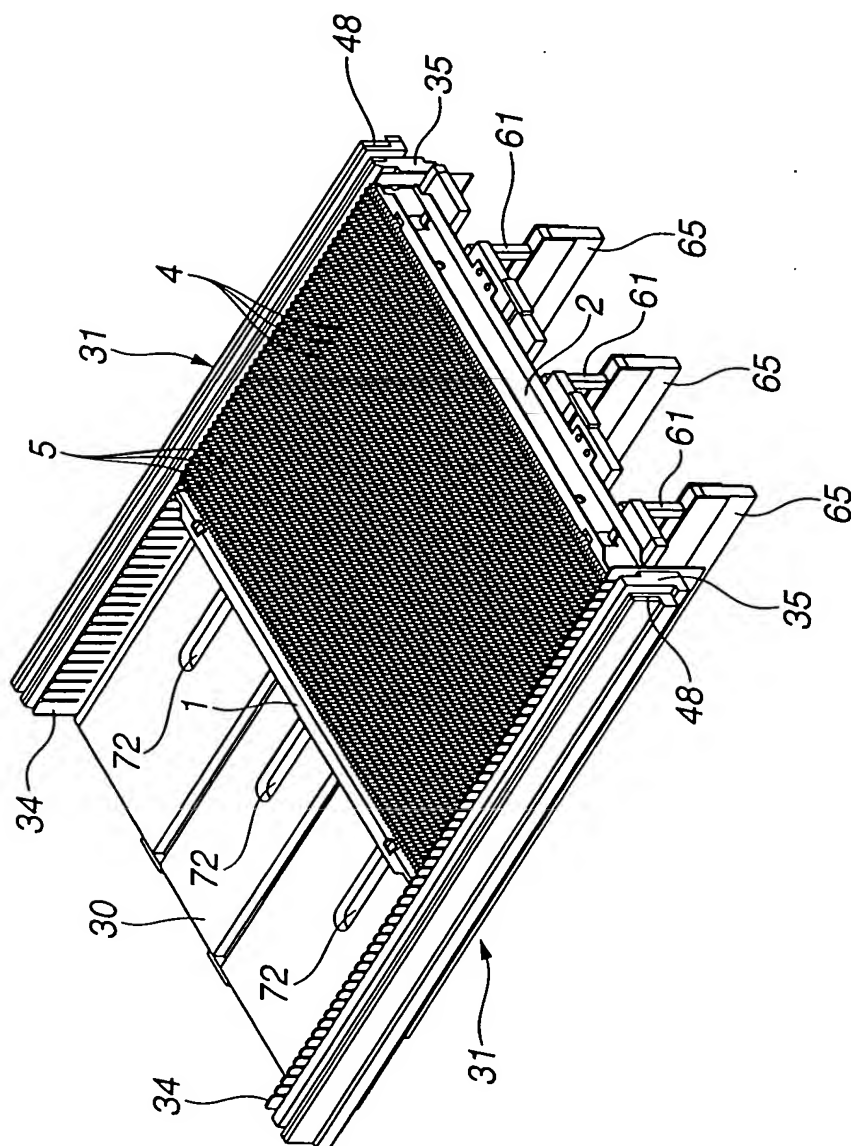


FIG.35



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FIG.36A

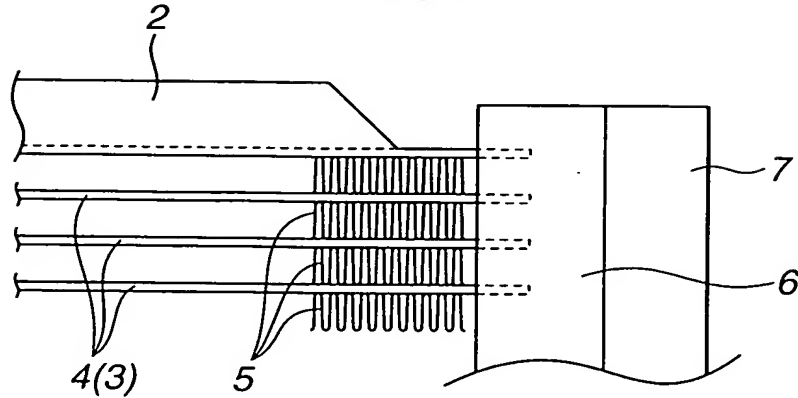


FIG.36B

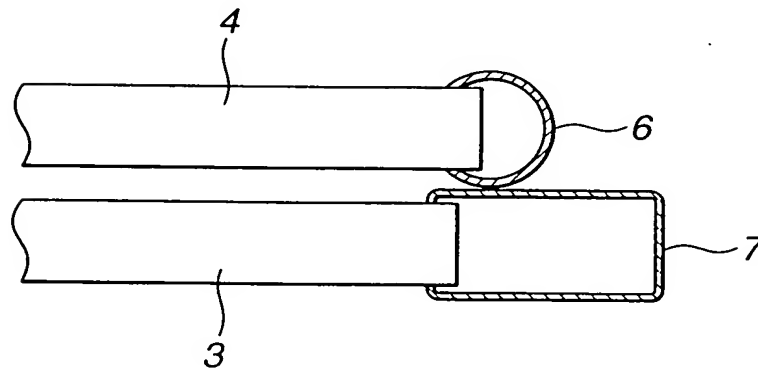


FIG.36C

